SERVICE MANUAL
ORIGINAL
COLOUR TELEVISION

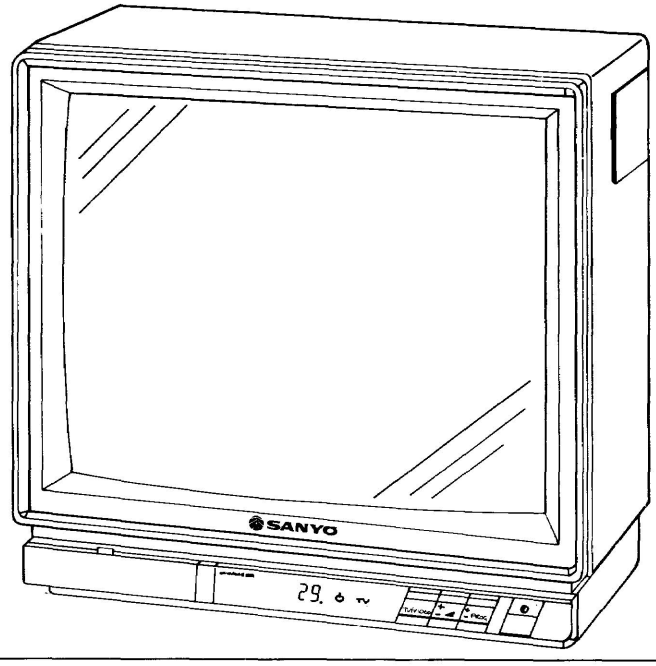
Chassis Series E2-E21

MODEL CBP2146 CEP2144

SERVICE REF. NO. **CBP2146-00**

Service Ref. No. is printed in the rating plate affixed to the cabinet back.

FOR PARTS OR SERVICE. ALWAYS GIVE COMPLETE SERVICE REF. NUMBER



CONTENTS

SAFETY PRECAUTIONS 1
SPECIFICATIONS, SUMMARY 2
BLOCK DIAGRAM 3
DISASSEMBLY 4
ADJUSTMENTS 5-9
CABINET PARTS LIST 10
TUNER CIRCUIT DIAGRAM 11
CHASSIS ELECTRICAL PARTS LIST 12-25

SK3P110 D5PD

SANYO INDUSTRIES (U.K.) LTD.

SAFETY PRECAUTIONS

1. An isolation transformer should be connected in the power line between the receiver and the AC line when a service is performed on the primary of the converter transformer of the set.
2. Comply with all caution and safety-related notes provided on cabinet back, inside the cabinet, on the chassis or the picture tube.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as, control knobs, adjustment covers or shields, barriers, isolation resistor-capacitor networks etc.

   Before returning any television to the customer, the service technician must be sure that it is completely safe to operate without danger of electrical shock.

X-RADIATION PRECAUTION

The primary source of X-RADIATION in television receiver is the picture tube. The picture tube is specially constructed to limit X-RADIATION emissions. For continued X-RADIATION protection, the replacement tube must be the same type as the original including suffix letter. Excessive high voltage may produce potentially hazardous X-RADIATION. To avoid such hazards, the high voltage must be maintained within specified limit. Refer to this service manual, high voltage adjustment for specific high voltage limits. If high voltage exceeds specified limits, take necessary corrective action. Carefully follow the instructions for + B1 volt power supply adjustment, and high voltage adjustment to maintain the high voltage within the specified limits.

PRODUCT SAFETY NOTICE

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by mark ⚠ in the parts list and the schematic diagram designate components in which safety can be of special significance. It is particularly recommended that only parts designated on the parts list in this manual be used for component replacement designated by mark ⚠ No deviations from resistance wattage or voltage ratings may be made for replacement items designated by mark ⚠

SPECIFICATIONS

Power source	AC240V, 50Hz
Power consumption	IEC Maximum .....96W CENELEC Normal 72W
Televison system	System I
Colour system	PAL
Channel coverage	UHF 21 - 69
Aerial input impedance	75 ohm
Intermediate frequencies	Video 39.5MHz Sound 33.5MHz Colour 35.07MHz

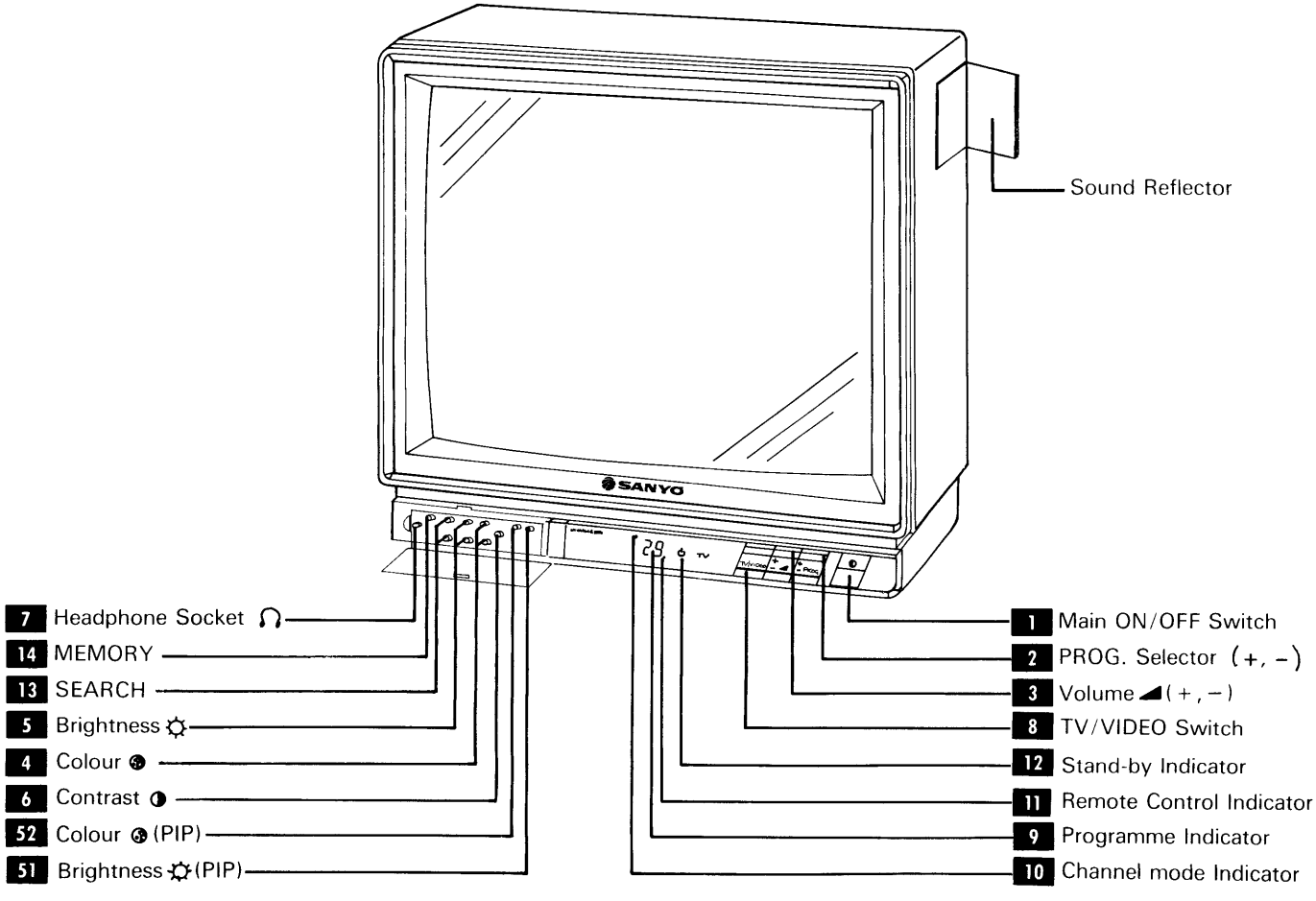
Audio output	5.0W, 10% distortion
Speaker	Ø10cm, 8 ohm
Picture tube	53cm diagonal, 90 degree Type No. A51EAL00X
High Voltage	27kV at Zero beam
Semiconductors	59 Transistors 57 IC's
Dimensions	Width 500mm Height 467mm Depth 497mm
Weight	21kg
AV terminals	VIDEO I/O RCA × 2 pcs AUDIO I/O RCA × 2 pcs CENELEC 21P socket

SUMMARY

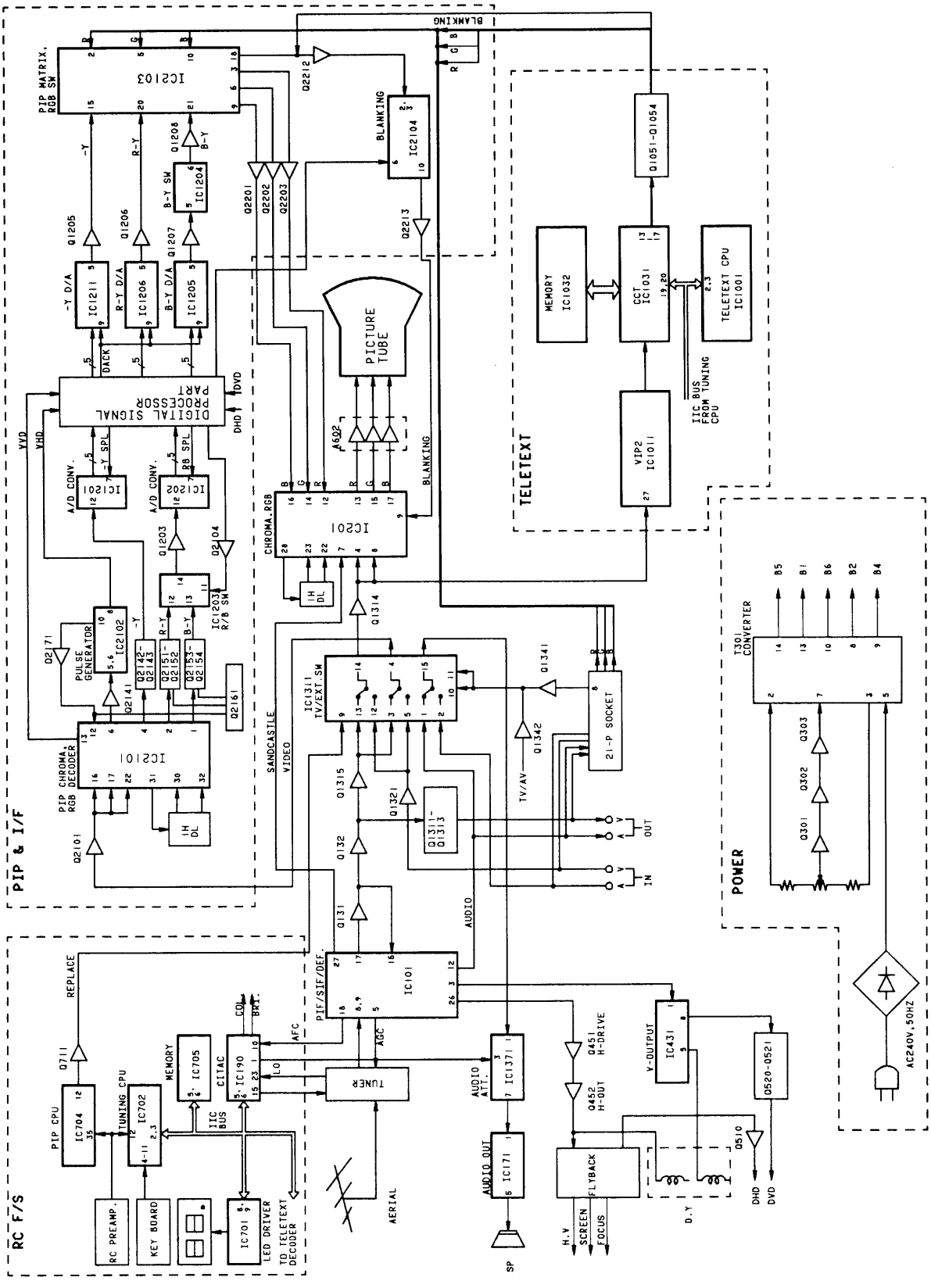
21" COLOUR TV WITH TELETEXT

All solid state circuitry for stable quality, less power consumption and high reliability. Simplified chassis construction with 1 main circuit board for easy access and servicing. In-line gun, slotted mask picture tube with 90° deflection angle. Convergence-free tube system.

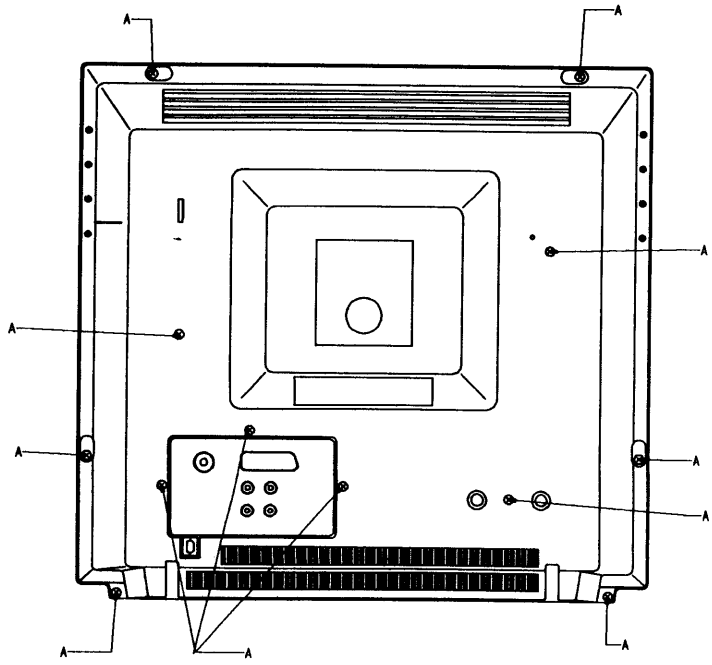
30 broadcast stations in your reception area can be automatically found by the frequency tuning system. 41 function infra-red remote control transmitter for TV set and VCR. Computer controlled Teletext decoder built in.



BLOCK DIAGRAM



DISASSEMBLY

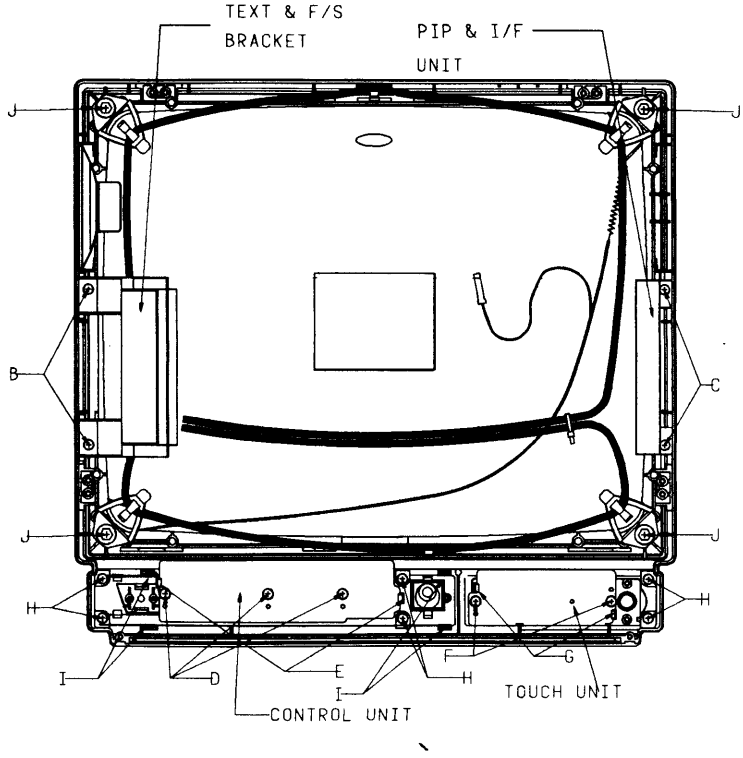


CABINET BACK REMOVAL
Remove 12 screws (A).
Then draw off the cabinet back.

TEXT & RC F/S BRACKET REMOVAL
Remove 2 screws (B).
Then draw out this bracket.

PIP & I/F UNIT REMOVAL
Remove 2 screws (C).
Then draw out this unit.

CONTROL UNIT REMOVAL
Remove 3 screws (D) and 2 hooks (E).
Then draw out this unit.

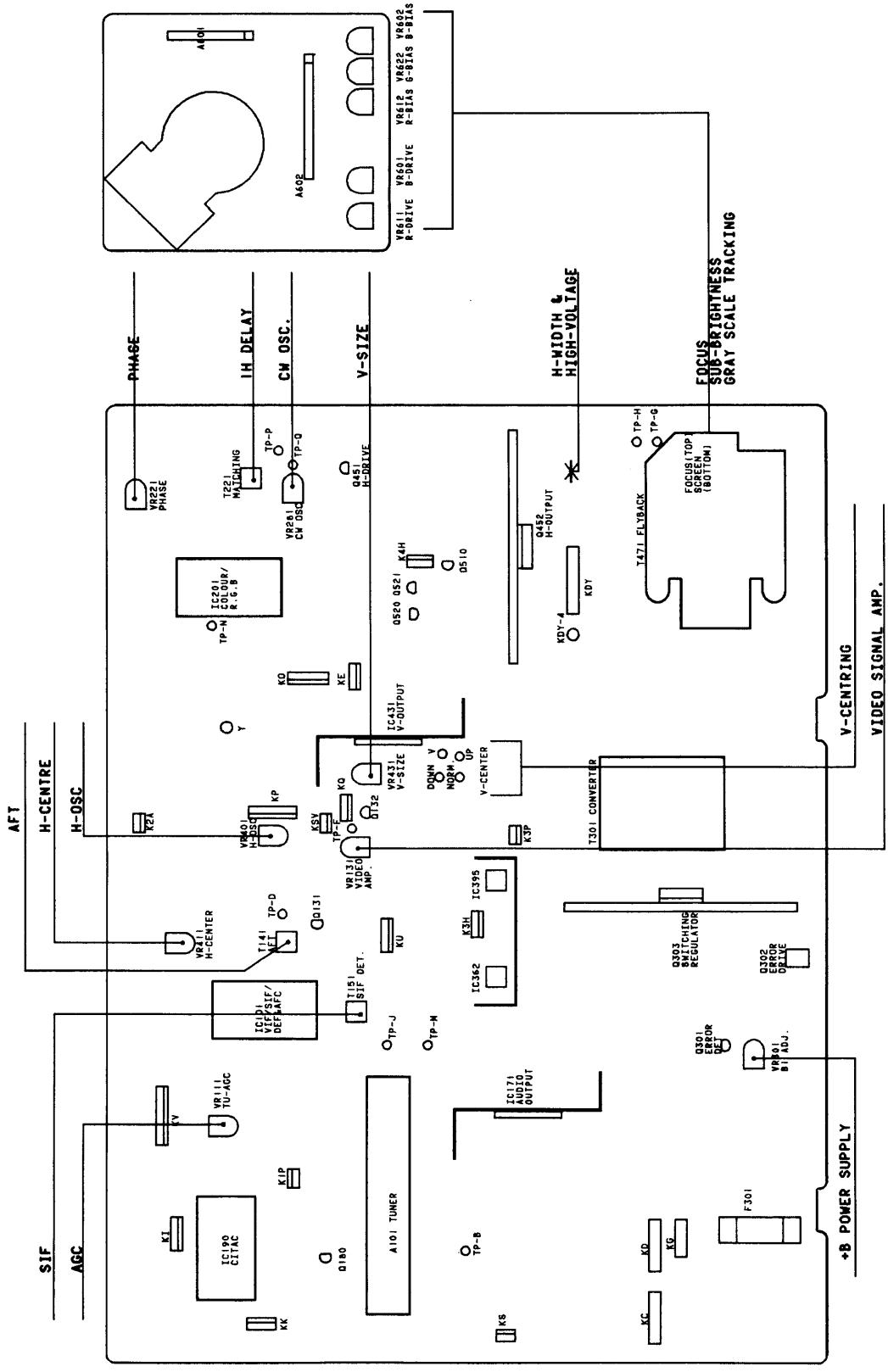


TOUCH UNIT REMOVAL
Remove 2 screws (F) and 2 hooks (G).
Then draw out this unit.

FRONT PANEL REMOVAL
Remove 6 screws (H) and 4 hooks (I).
Then push out this panel.

PICTURE TUBE REMOVAL
Caution: Do not disturb the deflection yoke assembly on CRT neck. Care must be taken to keep these assemblies intact. Discharge picture tube by shorting the anode connection to chassis ground. (Not cabinet or other mounting parts).
Remove the cabinet back and chassis. Place the cabinet face down on a soft surface.
Remove 4 screws (J).
Gently lift out the picture tube and place it on a soft surface.
Install replacement picture tube in reverse order.

ADJUSTMENTS



+B POWER SUPPLY ADJUSTMENT

1. Tune the receiver to colour bar pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Connect DC meter to test point "TP-B".
4. Adjust VR301 for +112.0V.

TU-AGC ADJUSTMENT

1. Tune the receiver to clearest station.
2. Rotate VR111 fully anti-clockwise and then clockwise slowly until the snow just disappears.

VIDEO SIGNAL AMPLITUDE ADJUSTMENT

1. Tune the receiver to colour bar pattern.
2. Connect oscilloscope to test point "TP-F".
3. Adjust VR131 for 1.0Vp-p as figure 1.

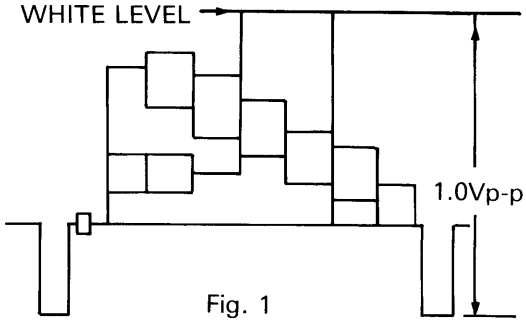


Fig. 1

HORIZONTAL OSCILLATION ADJUSTMENT

1. Tune the receiver to colour bar pattern.
2. Connect short lead between test points "TP-0" and "TP-M".
3. Adjust VR401 to momentarily picture.

HORIZONTAL CENTRING ADJUSTMENT

1. Tune the receiver to circular pattern.
2. Adjust VR411 to obtain proper picture.

HORIZONTAL WIDTH & HIGH-VOLTAGE ADJUSTMENT

1. Tune the receiver to circular pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Connect a high-voltage meter to anode on picture tube.
4. Check picture width and high-voltage. If picture is too wide or narrow, or high-voltage is not 25.0kV + −1kV when voltage between test points "TP-H" and "TP-G" is 0.9V, cut or short the lead (AJ1).

	H-width	high-voltage
CUT	increase	down (Approx. 0.5kV)
SHORT	decrease	up (Approx. 0.5kV)

VERTICAL AMPLITUDE ADJUSTMENT

1. Tune the receiver to circular pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Adjust VR431 to obtain proper picture.

VERTICAL CENTRING ADJUSTMENT

1. Tune the receiver to circular pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Change V-CENTRE tip to any one of three terminals.

GREY SCALE TRACKING ADJUSTMENT

1. Tune the receiver to B/W pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Disconnect service tip "KSV" and terminal socket "KDY-4".
4. Set red (VR611) and blue (VR601) drive controls to mid-range.
5. Set red (VR612), green (VR622) and blue (VR602) bias controls to minimum.
6. Adjust screen control to obtain just visible one coloured line.
7. Advance each bias control to obtain just visible three coloured line.
8. Reconnect terminal socket "KDY-4" and service tip "KSV".
9. Check for proper grey scale tracking at all brightness levels.

Note: This adjustment affects brightness. Therefore recheck brightness adjustment.

BRIGHTNESS ADJUSTMENT

1. Tune the receiver to cross hatch pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.
3. Connect DC meter between test points "TP-H" and "TP-G".
4. Adjust screen control for 0.10V.

FOCUS ADJUSTMENT

Adjust focus control on the right side of the chassis for well scanning line.

AFT ALIGNMENT

1. Tune the receiver to an active station.
2. Adjust fine tuning control to clear picture.
3. Connect DC meter to pin 18 of IC101.
4. Adjust T141 for 6.0V.

SOUND DETECTOR ALIGNMENT

1. Tune the receiver to an active station.
2. Connect DC meter to test point "TP-J".
3. Set sound volume maximum.
4. Adjust T151 for 3.0V.

CHROMA ALIGNMENT

1. Tune the receiver to colour bar pattern.
2. Set brightness and colour controls to normal, and contrast to maximum.

CW OSC.

1. Connect short leads between test points "TP-P" and "TP-Q", "TP-M" and "TP-N".
2. Adjust VR281 to obtain colour synchronized picture.

1H DELAY LINE

1. Connect oscilloscope to test point "TP-6B" on the CRT board.
2. Adjust T221 to obtain each 1H waveform (amplitude) for the same as figure 2.

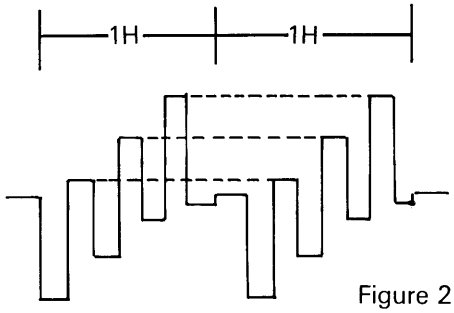


Figure 2. (Horiz.)

PHASE

1. Connect oscilloscope to test point "TP-6B" on the CRT board.
2. Adjust VR221 for minimum amplitude at "A" as figure 3.

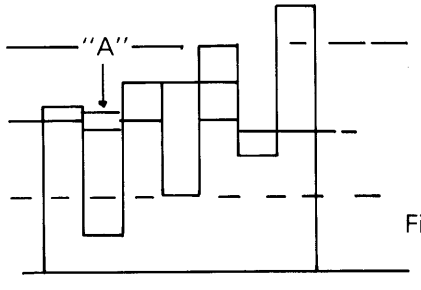


Fig. 3.

VIDEO OUTPUT ADJUSTMENT

1. Tune the receiver to colour bar pattern.
2. Connect oscilloscope to "VIDEO OUT" terminal
3. Adjust VR1311 for 0.95Vp-p as figure 4.

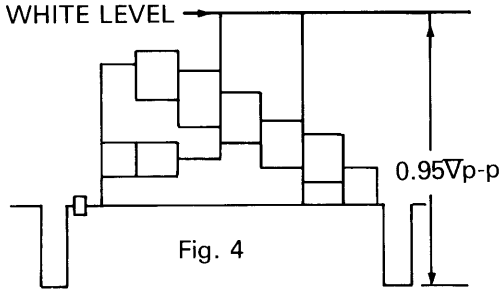


Fig. 4

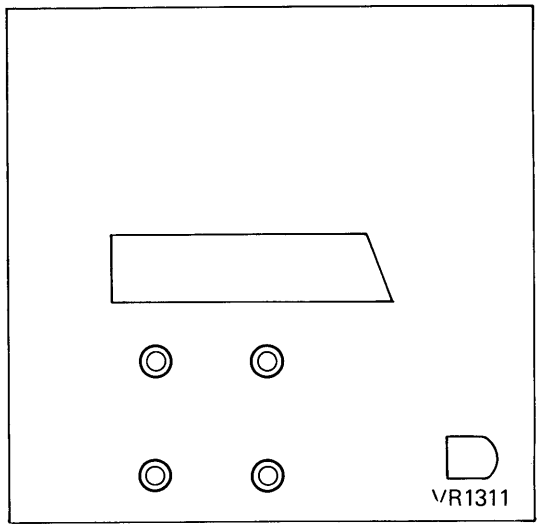


Fig. 5 AV I/O BOARD

TELETEXT DECODER ADJUSTMENT

1. Tune the receiver to active station.
2. Adjust VC1011 until it is stationary to the programme number on the screen.
3. Check to other programme number.

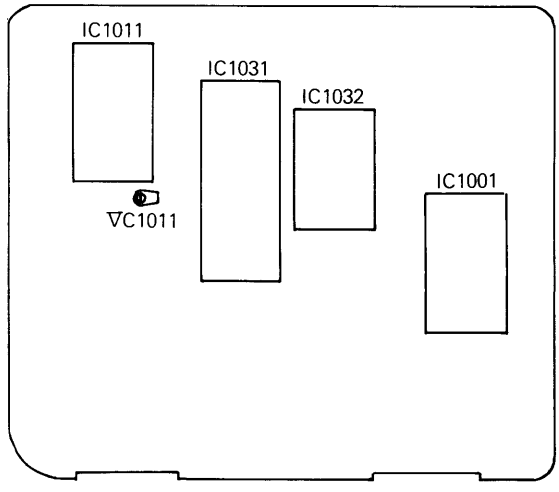


Fig. 6 TELETEXT BOARD

PIP SCREEN ADJUSTMENTS

SUB-BRIGHTNESS ADJUSTMENT

1. Receive the colour bar pattern.
2. Connect oscilloscope to test point "TP2102" and "TP2107" (ground) on I/F board.
3. Turn PIP on. Select TV with select key.
4. Set's controls:
   contrast max.
   bright max.
   colour min.
   PIP controls:
   bright max.
   colour min.
5. Adjust VR2101 to correspond the while level line and blue level line as figure-7.

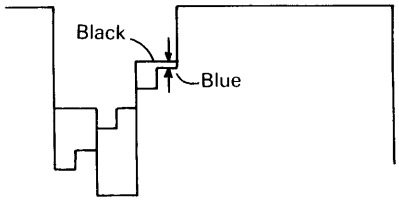


Fig. 7

SUB-CONTRAST ADJUSTMENT

1. Receive the colour bar pattern.
2. Connect oscilloscope to test point "TP-6C"(+) and "TP-6E" (ground) on CRT board.
3. Turn PIP on. Select TV with select key.
4. Set's controls:
   contrast max.
   bright max.
   colour min.
   PIP controls:
   bright max.
   colour min.
5. Adjust VR2103 to correspond the while level line at PIP screen and 75% white level line at TV screen as figure-8.

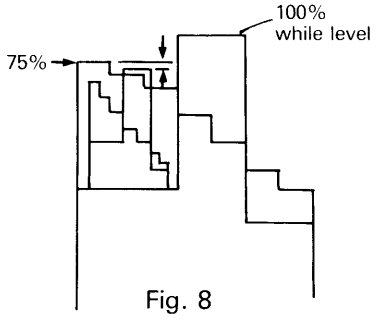


Fig. 8

PAL CHROMA ADJUSTMENT

1. Receive the colour bar pattern.
2. Turn the PIP on. Select TV with select key.
3. All controls to maximum.
4. Connect oscilloscope to test point "TP2103" and "TP2107" (ground).
5. Adjust VR2104 for minimum amplitude of "B" as figure-9.
6. Adjust T2101 for minimum amplitude of "C" as figure-9.
7. Adjust T2102 to obtain each 1H waveform (amplitude) as figure-10.

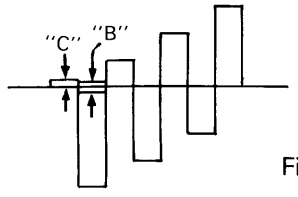


Fig. 9

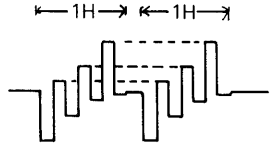


Fig. 10

8. Change the check point from "TP2103" to "TP2100".
9. Adjust VR2102 for 0.8Vp-p at "D" as figure-11.

H-CENTRE ADJUSTMENT

1. Receive the circular pattern.
2. Turn the PIP on. Select TV with select key.
3. Adjust VR2105 until PIP picture is in the centre of the PIP screen.

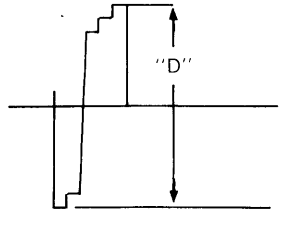


Fig. 11

PIP SCREEN ADJUSTMENTS

GRAY SCALE ADJUSTMENT

1. Receive the B/W circular pattern.
2. Set's controls:
   colour min.
   other max.
3. Turn the PIP on. Select TV with select key.
4. Connect oscilloscope to test point "TP2100" and "TP2107" (ground)
5. Adjust VR2106 until waveform becomes a flat line as figure-12.

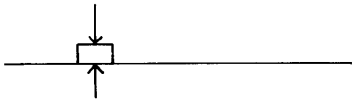


Fig. 12

6. Adjust VR2191 and VR2192 until PIP screen reaches the proper gray scale.

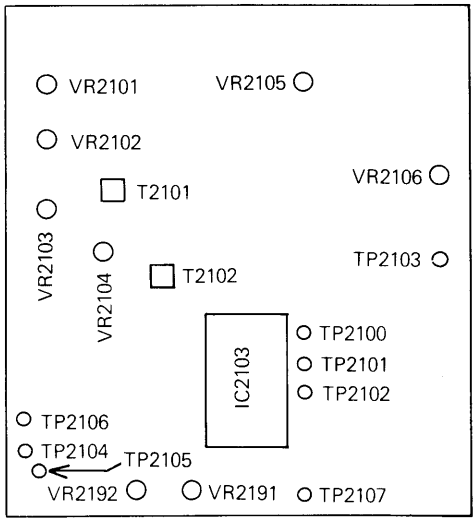
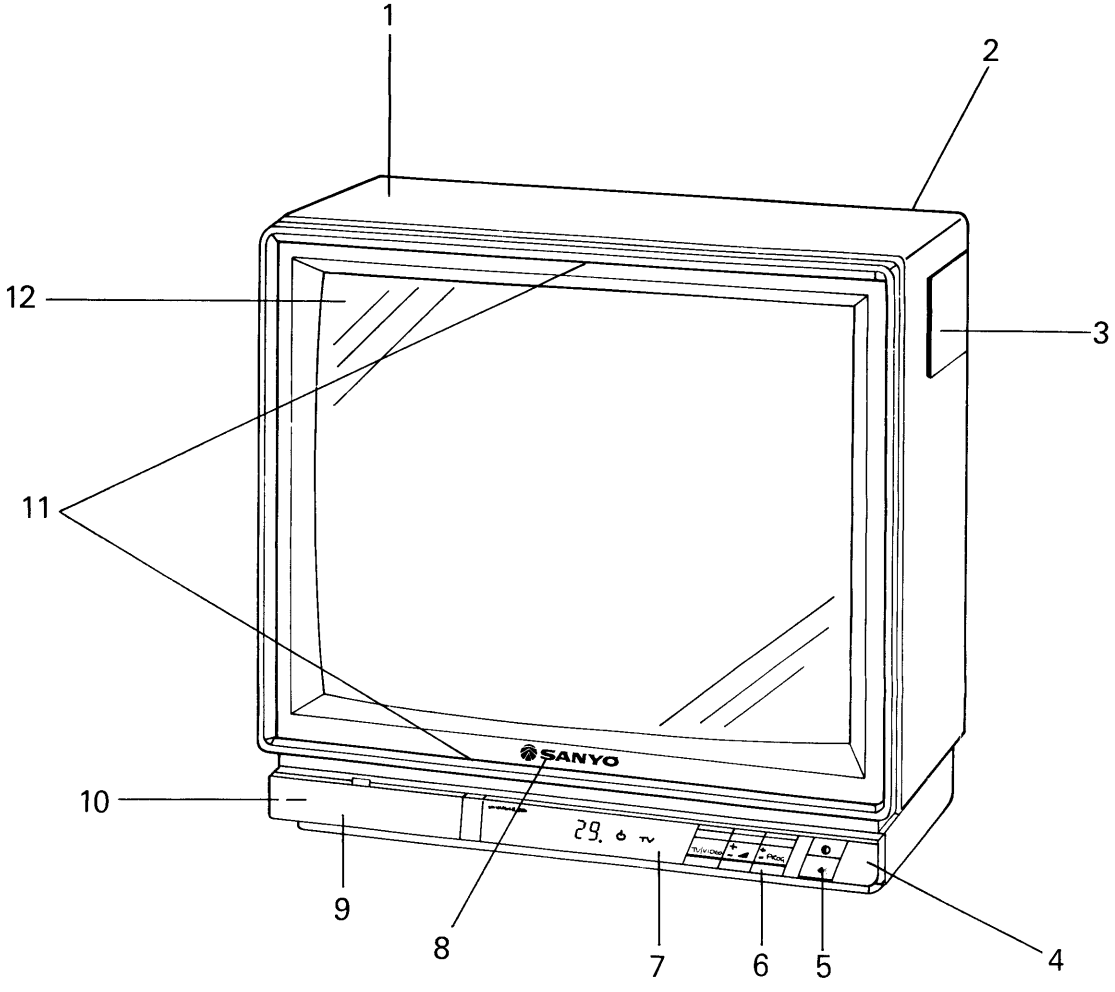
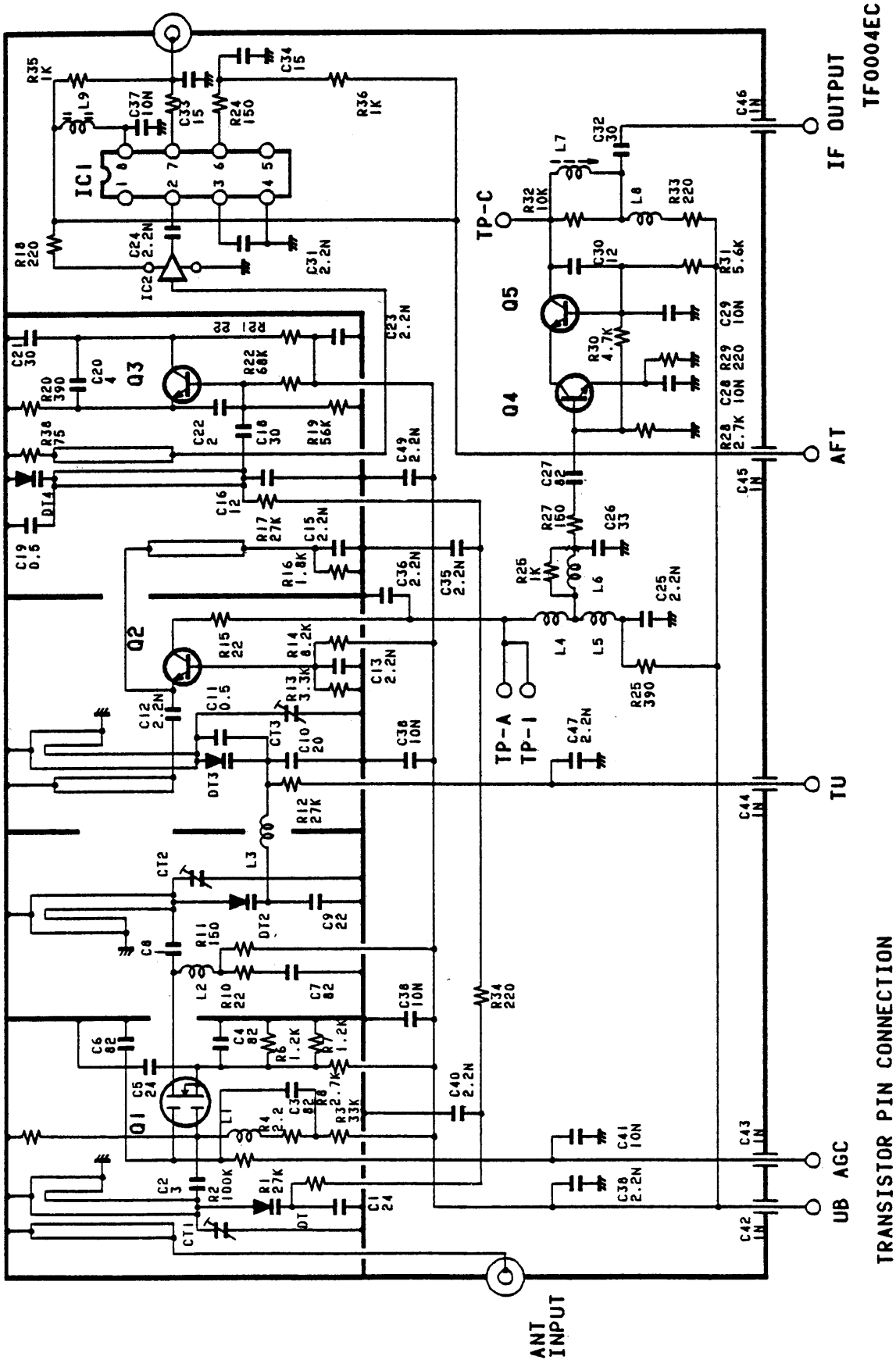


Fig. 13 I/F Board



Key No.	Part No.	Description
1.	YP01929	Escutcheon Ass'y
2.	3M04588	Cabinet Back
3.	3M04713	Sound Reflector
	3M04714	Reflector Holder
4.	3M04566	Front Panel
5.	KB0147	Button: Main SW.
6.	KB0148	Button: Prog, etc.
7.	3M04568	Indicator Plate
8.	2650337	Badge; SANYO
9.	3M05150	Door
10.	3S04037	Control Indicator Sheet
11.	3M04543	Filter Holder (2 used)
12.	3X00202	CRT Filter

TUNER CIRCUIT DIAGRAM



CHASSIS ELECTRICAL PARTS LIST

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER COMPONENTS INDICATED BY A MARK ⚠ IN THIS PARTS LIST AND THE CIRCUIT DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENTS REPLACEMENT POINTED OUT BY THE MARK.

NOTE: Part order must contain Model No., Ref. No., Part No. and Description

Ref. No.	Part No.	Description
UE1211 (MAIN UNIT D5PD)		
TRANSISTORS		
Q131	QT0195A	BC546A
	OR QT0195B	BC546B
Q132	QT0194A	BC556A
	OR QT0194B	BC556B
Q180	QT0195A	BC546A
	OR QT0195B	BC546B
Q301	QT0194A	BC556A
	OR QT0194B	BC556B
Q302	QT0185R	2SC3807
Q303	QT0203Z	2SC3895
Q451	Q6556E	2SC2274(E)
	OR Q6556F	2SC2274(F)
	OR QT00300	2SC1627(O)
	OR QT0030Y	2SC1627(Y)
Q452	QT0144Z	2SD1651
Q510	QT0194A	BC556A
	OR QT0194B	BC556B
Q520	QT0195A	BC546A
	OR QT0195B	BC546B
Q521	QT0195A	BC546A Z3 – Z5
	OR QT0195B	BC546B
INTEGRATED CIRCUITS		
IC101	QC0792	TDA4505
IC171	QC1059	TDA1512
IC190	QC1090	SAB3035
IC201	QC0802	TDA3562A
IC361	QC0881A	SI-3122V
IC395	QC0915A	SI-3052V
IC431	QC0790	TDA3651
CAPACITORS		
C101	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C108	CCHAJ150	CERAMIC, 15PF, +-5%, 50V
C111	CC0011	CERAMIC, 0.1MF, +-10%, 50V
C112	CEDEM221	ELECTROLYTIC, 220MF, 16V
C113	CCHFK222	CERAMIC, 2200PF, +-10%, 50V
C114	CFHBJ224	MYLAR FILM, 0.22MF, +-5%, 50V
C120	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C121	CCHFK102	CERAMIC, 1000PF, +-10%, 50V
C122	CEDEM330	ELECTROLYTIC, 33MF, 16V
C123	CFHBJ105	MYLAR FILM, 1MF, +-5%, 50V
C126	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C131	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C133	CCHBJ101	CERAMIC, 100PF, +-5%, 50V
C138	CEHEM1R0	ELECTROLYTIC, 1MF, 50V
C141	CCHBJ560	CERAMIC, 56PF, +-5%, 50V
C142	CFHRK223	MYLAR FILM, 0.022MF, +-10%, 50V
C151	CCHBJ470	CERAMIC, 47PF, +-5%, 50V
C152	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C153	CFHBJ104	MYLAR FILM, 0.1MF, 50V

Ref. No.	Part No.	Description
C154	CEDEM220	ELECTROLYTIC, 22MF, 16V
C155	CFHRK223	MYLAR FILM, 0.022MF, +-10%, 50V
C171	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C172	CFHRK222	MYLAR FILM, 2200PF, +-10%, 50V
C173	CCHFK181	CERAMIC, 180PF, +-10%, 50V
C174	CEGEM471	ELECTROLYTIC, 470MF, 35V
C175	CEHEM100	ELECTROLYTIC, 10MF, 50V
C176	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C177	CEGEM222	ELECTROLYTIC, 2200MF, 35V
C178	CEFEM221	ELECTROLYTIC, 220MF, 25V
C179	CCHFK391	CERAMIC, 390PF, +-10%, 50V
C180	CCHFK472	CERAMIC, 4700PF, +-10%, 50V
C185	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C192	CCHJZ473	CERAMIC, 0.047MF, +80%-20%, 50V
C193	CEDEM101	ELECTROLYTIC, 100MF, 16V
C194	CFHBJ105	MYLAR FILM, 1MF, +-5%, 50V
C195	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
C196	CEDEM470	ELECTROLYTIC, 47MF, 16V
C198	CCHCJ330	CERAMIC, 33PF, +-5%, 50V
C199	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C201	CEHEMR47	ELECTROLYTIC, 0.47MF, 50V
C202	CCHFK151	CERAMIC, 150PF, +-10%, 50V
C211	CCHBJ151	CERAMIC, 150PF, +-5%, 50V
C212	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C213	CEHEM4R7	ELECTROLYTIC, 4.7MF, 50V
C214	CFHBJ334	MYLAR FILM, 0.33MF, +-5%, 50V
C215	CEFEM100	ELECTROLYTIC, 10MF, 25V
C216	CCHJZ223	CERAMIC, 0.022MF, +80%-20%, 50V
C218	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C224	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C226	CCHBJ120	CERAMIC, 12PF, +-5%, 50V
C227	CCHFK271	CERAMIC, 270PF, +-10%, 50V
C228	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C241	CEHEM2R2	ELECTROLYTIC, 2.2MF, 50V
C242	CEHEM2R2	ELECTROLYTIC, 2.2MF, 50V
C243	CEHEM2R2	ELECTROLYTIC, 2.2MF, 50V
C273	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C274	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C276	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C277	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C278	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C281	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C282	CEHEM1R0	ELECTROLYTIC, 1MF, 50V
C283	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
C284	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
⚠ C301	CFUBM104	MYLAR FILM, 0.1MF, +-20%, 630V
C302	CCVGM222	CERAMIC, 2200PF, +-20%, 1KV
C303	CCVGM222	CERAMIC, 2200PF, +-20%, 1KV
C304	CCVGM222	CERAMIC, 2200PF, +-20%, 1KV
C305	CCVGM222	CERAMIC, 2200PF, +-20%, 1KV
C306	CE0130	ELECTROLYTIC, 220UF, 385V
C307	CFHBJ334	MYLAR FILM, 0.33MF, +-5%, 50V
C308	CCZVK681	CERAMIC, 680PF, +-10%, 2KV
	OR CCZWK681	CERAMIC, 680PF, +-10%, 2KV
C309	CFHRK104	MYLAR FILM, 0.1MF, +-10%, 50V
C310	CFHRK473	MYLAR FILM, 0.047MF, +-10%, 50V
C312	CFHBJ105	MYLAR FILM, 1MF, +-5%, 50V
⚠ C340	CC0005	CERAMIC, 2200PF, +-20%, 400V
	OR CC0035	CERAMIC, 2200PF, +-20%, 400V

Ref. No.	Part No.	Description
C353	CCZVK471	CERAMIC, 470PF, +-10%, 2KV
	OR CCZWK471	CERAMIC, 470PF, +-10%, 2KV
C354	CE00079A	ELECTROLYTIC, 47MF, 160V
C356	CEKEA221	ELECTROLYTIC, 220MF, 160V
C362	CEFEM222	ELECTROLYTIC, 2200MF, 25V
C363	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C364	CEDEM470	ELECTROLYTIC, 47MF, 16V
C372	CEGEM331	ELECTROLYTIC, 330MF, 35V
C382	CEGEM222	ELECTROLYTIC, 2200MF, 35V
C391	CE0197	ELECTROLYTIC, 2200MF, +-20%, 25V
C396	CEFEM222	ELECTROLYTIC, 2200MF, 25V
C397	CEDEM470	ELECTROLYTIC, 47MF, 16V
C398	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C400	CCHFK681	CERAMIC, 680PF, +-10%, 50V
C401	CM0015	MYLAR FILM, 2700PF, +-5%, 50V
C402	CFHBJ474	MYLAR FILM, 0.47MF, +-5%, 50V
C403	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C404	CFHRK683	MYLAR FILM, 0.068MF, +-10%, 50V
C411	CFHRK184	MYLAR FILM, 0.18MF, +-10%, 50V
C431	CCHFK222	CERAMIC, 2200PF, +-10%, 50V
C432	CCHFK122	CERAMIC, 1200PF, +-10%, 50V
C433	CEHEM2R2	ELECTROLYTIC, 2.2MF, 50V
C434	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C435	CEFEM222	ELECTROLYTIC, 2200MF, 25V
C436	CEGEM221	ELECTROLYTIC, 220MF, 35V
C437	CEGEM221	ELECTROLYTIC, 220MF, 35V
C438	CFIBK224	MYLAR FILM, 0.22MF, +-10%, 100V
C452	CCSFK102	CERAMIC, 1000PF, +-10%, 500V
C453	CCSFK392	CERAMIC, 3900PF, +-10%, 500V
C454	CNLBJ394	POLYPROPYLENE, 0.39MF, +-5%, 200V
C456	CEFEM470	ELECTROLYTIC, 47MF, 25V
⚠ C457	CNZDJ752	POLYPROPYLENE, 7500PF, +-5%, 2KV
C458	CC1VK471	CERAMIC, 470PF, +-10%, 3KV
	OR CC1WK471	CERAMIC, 470PF, +-10%, 3KV
C461	CNLRK124	POLYPROPYLENE, 0.12MF, +-10%, 200V
C473	CFISK223	MYLAR FILM, 0.022MF, +-10%, 100V
C475	CFHBJ105	MYLAR FILM, 1MF, +-5%, 50V
C478	CE0163	ELECTROLYTIC, 220UF, 250V
C481	CFMBJ474	MYLAR FILM, 0.47MF, +-5%, 250V
C499	CNZDJ332	POLYPROPYLENE, 3300PF, +-5%, 2KV
C520	CEGEM101	ELECTROLYTIC, 100MF, 35V

RESISTORS

R101	401 012 5708	CARBON	1K JA	1/4W
R111	401 021 3009	CARBON	5.6K JA	1/4W
R112	401 016 4806	CARBON	22K JA	1/4W
R113	401 013 8005	CARBON	1.2M JA	1/4W
R114	401 016 4806	CARBON	22K JA	1/4W
R115	401 016 4806	CARBON	22K JA	1/4W
R123	401 019 9600	CARBON	47 JA	1/4W
R124	401 018 4903	CARBON	33K JA	1/4W
R125	401 012 7009	CARBON	10K JA	1/4W
R127	401 069 8202	OXIDE-MT	8.2K JA	2W
R131	401 020 0801	CARBON	470 JA	1/4W
R133	401 016 2604	CARBON	220 JA	1/4W
R135	401 012 5708	CARBON	1K JA	1/4W
R137	401 016 3809	CARBON	2.2K JA	1/4W
R138	401 022 5101	CARBON	680K JA	1/4W
R139	401 020 0801	CARBON	470 JA	1/4W
R140	401 020 0801	CARBON	470 JA	1/4W
R141	401 018 3807	CARBON	3.3K JA	1/4W
R142	401 018 5801	CARBON	330K JA	1/4W
R146	401 018 9809	CARBON	39 JA	1/4W
R151	401 012 7009	CARBON	10K JA	1/4W
R152	401 020 2003	CARBON	4.7K JA	1/4W
R153	401 022 3107	CARBON	6.8K JA	1/4W
R155	401 012 7009	CARBON	10K JA	1/4W
R171	401 014 4105	CARBON	1.5K JA	1/4W
R172	401 015 7808	CARBON	2.7 JA	1/4W
R173	401 021 0701	CARBON	56 JA	1/4W
R174	401 016 4806	CARBON	22K JA	1/4W
R175	401 022 1905	CARBON	680 JA	1/4W
R176	401 016 4806	CARBON	22K JA	1/4W

Ref. No.	Part No.	Description		
R177	401 018 3807	CARBON	3.3K JA	1/4W
R178	401 022 1905	CARBON	680 JA	1/4W
R179	401 012 5708	CARBON	1K JA	1/4W
R180	401 016 4806	CARBON	22K JA	1/4W
R181	401 023 3700	CARBON	82K JA	1/4W
R185	401 020 3901	CARBON	470K JA	1/4W
R186	401 022 3107	CARBON	6.8K JA	1/4W
R190	401 023 3700	CARBON	82K JA	1/4W
R191	401 020 3901	CARBON	470K JA	1/4W
R192	401 020 2003	CARBON	4.7K JA	1/4W
R193	401 020 2904	CARBON	47K JA	1/4W
R194	401 018 3807	CARBON	3.3K JA	1/4W
R202	401 014 4105	CARBON	1.5K JA	1/4W
R204	401 012 5708	CARBON	1K JA	1/4W
R205	401 022 1905	CARBON	680 JA	1/4W
R207	401 022 4104	CARBON	68K JA	1/4W
R208	401 012 4503	CARBON	100 JA	1/4W
R210	401 023 1706	CARBON	820 JA	1/4W
R214	401 023 4608	CARBON	820K JA	1/4W
R221	401 019 1000	CARBON	390 JA	1/4W
R224	401 013 5301	CARBON	1.2K JA	1/4W
R225	401 019 1000	CARBON	390 JA	1/4W
R240	401 020 2904	CARBON	47K JA	1/4W
R241	401 022 4104	CARBON	68K JA	1/4W
R242	401 014 5201	CARBON	15K JA	1/4W
R243	401 016 5803	CARBON	220K JA	1/4W
R244	401 013 7305	CARBON	120K JA	1/4W
R245	401 014 5201	CARBON	15K JA	1/4W
R246	401 018 4903	CARBON	33K JA	1/4W
R247	401 013 7305	CARBON	120K JA	1/4W
R248	401 012 7009	CARBON	10K JA	1/4W
R249	401 023 3700	CARBON	82K JA	1/4W
R271	401 022 3107	CARBON	6.8K JA	1/4W
R273	401 012 7009	CARBON	10K JA	1/4W
R274	401 012 7009	CARBON	10K JA	1/4W
R275	401 012 7009	CARBON	10K JA	1/4W
R276	401 022 6801	CARBON	75 JA	1/4W
R277	401 022 6801	CARBON	75 JA	1/4W
R278	401 022 6801	CARBON	75 JA	1/4W
R281	401 022 6801	CARBON	75 JA	1/4W
R282	401 012 5708	CARBON	1K JA	1/4W
R283	401 018 4903	CARBON	33K JA	1/4W
R284	401 018 4903	CARBON	33K JA	1/4W
R291	401 012 4503	CARBON	100 JA	1/4W
R292	401 012 4503	CARBON	100 JA	1/4W
R293	401 012 4503	CARBON	100 JA	1/4W
R294	401 023 2802	CARBON	8.2K JA	1/4W
R295	401 018 3807	CARBON	3.3K JA	1/4W
R301	401 008 8607	CARBON	220K JA	1/2W
R302	402 012 6306	WIRE WOUND	3.9 KA	6W
R303	401 017 1804	CARBON	2.7K JA	1/4W
R304	401 015 3800	CARBON	18K JA	1/4W
R305	401 021 4105	CARBON	56K JA	1/4W
R306	401 021 3009	CARBON	5.6K JA	1/4W
R307	401 012 7009	CARBON	10K JA	1/4W
R308	401 008 2605	CARBON	180K JA	1/2W
R309	401 008 2605	CARBON	180K JA	1/2W
R310	401 016 4806	CARBON	22K JA	1/4W
R311	402 012 6801	WIRE WOUND	47 KA	6W
R313	402 012 7105	WIRE WOUND	56 KA	6W
R314	401 016 2604	CARBON	220 JA	1/4W
R315	401 016 3809	CARBON	2.2K JA	1/4W
R316	402 011 3900	WIRE WOUND	1 KA	3W
⚠ R340	402 000 8305	SOLID	5.6M KA	1/2W
⚠ R341	402 000 8305	SOLID	5.6M KA	1/2W
R364	401 060 2704	OXIDE-MT	220 JA	1W
⚠ R371	402 002 0802	FUSIBLE RES	2.7 J-	1/2W
⚠ R381	402 003 4106	FUSIBLE RES	3.9 J-	2W
R391	401 069 1708	OXIDE-MT	68 JA	2W
R401	401 017 2801	CARBON	27K JA	1/4W
R402	401 023 3700	CARBON	82K JA	1/4W
R403	401 012 5708	CARBON	1K JA	1/4W
R404	401 019 1000	CARBON	390 JA	1/4W
R411	401 016 4806	CARBON	22K JA	1/4W
R413	401 019 3004	CARBON	39K JA	1/4W

Ref. No.	Part No.	Description
R414	401 021 4105	CARBON 56K JA 1/4W
R431	401 017 2801	CARBON 27K JA 1/4W
R432	401 014 5201	CARBON 15K JA 1/4W
R433	401 006 8104	CARBON 1.2 JA 1/2W
R434	401 007 1104	CARBON 1K JA 1/2W
R435	401 017 1804	CARBON 2.7K JA 1/4W
R436	401 015 3800	CARBON 18K JA 1/4W
R437	401 020 0801	CARBON 470 JA 1/4W
R438	401 009 5803	CARBON 330 JA 1/2W
R439	401 017 1804	CARBON 2.7K JA 1/4W
⚠ R450	402 002 5708	FUSIBLE RES 1K J- 1W
R452	401 019 1901	CARBON 3.9K JA 1/4W
R454	401 018 2800	CARBON 330 JA 1/4W
R455	401 007 1104	CARBON 1K JA 1/2W
R456	401 061 6404	OXIDE-MT 390 JA 1W
R457	401 021 0701	CARBON 56 JA 1/4W
R461	401 060 7402	OXIDE-MT 270 JA 1W
R472	401 016 5803	CARBON 220K JA 1/4W
R473	401 017 3808	CARBON 270K JA 1/4W
R474	401 014 6109	CARBON 150K JA 1/4W
R476	401 012 5708	CARBON 1K JA 1/4W
⚠ R478	402 001 9806	FUSIBLE RES 10 J- 1/2W
⚠ R479	402 022 0103	FUSIBLE RES 5.6M J- 3W
R481	402 012 7303	WIRE WOUND 6.8 KA 6W
R499	402 000 9906	CARBON 2.2M JA 2W
R510	401 012 7009	CARBON 10K JA 1/4W
R511	401 014 4105	CARBON 1.5K JA 1/4W
R520	401 012 7009	CARBON 10K JA 1/4W
R521	401 017 2801	CARBON 27K JA 1/4W
R522	401 018 3807	CARBON 3.3K JA 1/4W
R523	401 021 1906	CARBON 560 JA 1/4W
R524	401 019 1000	CARBON 390 JA 1/4W

VARIABLE RESISTORS

VR111	G0088XXM	50K OHM, B
	OR G0088XXT	50K OHM, B
VR131	G0096XXM	5K OHM, B
	OR G0096XXT	5K OHM, B
VR221	G0092XXM	1K OHM, B
	OR G0092XXT	1K OHM, B
	OR G0254XXB	1K OHM, B
VR281	G0098XXM	10K OHM, B
	OR G0098XXT	10K OHM, B
⚠ VR301	G0092XXM	1K OHM, B
	OR G0092XXT	1K OHM, B
	OR G0254XXB	1K OHM, B
VR401	G0366XDT	10K OHM,B
	OR G0366XDH	10K OHM,B
VR411	G0088XXM	50K OHM, B
	OR G0088XXT	50K OHM, B
VR431	G0211XXB	100 OHM, B
	OR G0211XXH	100 OHM, B

TRANSFORMERS

T141	SL0005XV	VIDEO DET.
T151	SL0074XS	S COIL
T221	ST0123XC	S TRANS.
⚠ T301	AE0108	CONVERTER TRANS.
T391	PT0154	POWER TRANS.
T451	AD0001	HORIZ. DRIVE
⚠ T471	FM0019	FLYBACK

COILS

L101	LDAMR68	PEAKING,0.68UH,+-20%
L118	LDAK120	PEAKING, 12UH
L131	LDAK150	PEAKING,15UH
L201	LG0026	DELAY LINE
L211	LDAK8R2	PEAKING, 8.2UH
L221	LG0029XH	DELAY LINE

Ref. No.	Part No.	Description
L222	LDAK8R2	PEAKING, 8.2UH
⚠ L302	LQ0002	LINE FILTER
	OR LQ0004A	LINE FILTER
L351	L4090	INDUCTOR, 150UH
L431	LDAK101	PEAKING, 100UH
L451	AC0034	LINEARITY COIL
L452	L7133B	FILTER, 3.3UH
L461	L4032XA	INDUCTOR
	OR L4032	INDUCTOR, 6.8MH

DIODES

D121	QC0297	IC, HZT33
	OR Q7103	UPC574J, ZENER, 33V
	OR Q7175	LA5630
D193	ED0274	1N4148
D194	ED0274	1N4148
D195	ED0274	1N4148
D201	ED0274	1N4148
D271	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D272	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D273	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D301	ED0352	TVR4N(X)
	OR ED0008	RM11C
D302	ED0352	TVR4N(X)
	OR ED0008	RM11C
D303	ED0352	TVR4N(X)
	OR ED0008	RM11C
D304	ED0352	TVR4N(X)
	OR ED0008	RM11C
D306	E1533R	EU-1
D307	ED0084D	EQA02-06D,6V,ZENER
	OR E1322Z	HZ6C,ZENER, 6V
D308	E1821ZB	ZENER,EQA02-07B
D310	ED0274	1N4148
D312	ED0274	1N4148
D331	EL0105	CNY75B
	OR EL0106	CNY75C
D353	ED0009	GU-3A
D361	ED0356	RU4YX
D364	ED0274	1N4148
D371	ED0277	BYW32
D381	ED0277	BYW32
D391	E1735R	RB-151
D392	ED0058	EQB01-05SA, ZENER, 5V
D395	ED0356	RU4YX
D431	ED0059	EM01Z
D478	ED0276	BYV14
D510	ED0223B	RD3.9EB2, ZENER

MISCELLANEOUS

⚠ F301	E5045A	FUSE 2A,250V
F301A	E5740	FUSE CLIP
F301B	E5740	FUSE CLIP
F391	EF0065	IC PROTECTOR ICP-N50
TH401	E1037T	THERMISTER,SDT-09
IC361B	EZ0007	SHEET, INSULATION
A102	TF0004EC	UHF VARACTOR TUNER
E1	E3943	MINI CONNECTOR, TERMINAL PLUG
E2	E3943	MINI CONNECTOR, TERMINAL PLUG
G1	E3943	MINI CONNECTOR, TERMINAL PLUG
G2	E3943	MINI CONNECTOR, TERMINAL PLUG
IC171-C	2P01269	RADIATOR,AUDIO
IC171-E2	3150843	RETAINER, LEAD WIRE
IC361A	2P01425	HEAT SINK
IC431-C	2P01279	RADIATOR,H-OUT
IC431-E	3150843	RETAINER, LEAD WIRE
J113	LDAK4R7	PEAKING, 4.7UH
J159	RFACJ1R0	CARBON,1 OHM,+-5%,1/4W

Ref. No.	Part No.	Description
KC-1	E3943	MINI CONNECTOR, TERMINAL PLUG
KC-2	E3943	MINI CONNECTOR, TERMINAL PLUG
KC-3	E3943	MINI CONNECTOR, TERMINAL PLUG
KD-1	E3943	MINI CONNECTOR, TERMINAL PLUG
KD-2	E3943	MINI CONNECTOR, TERMINAL PLUG
KD-3	E3943	MINI CONNECTOR, TERMINAL PLUG
KDY-1	E3943	MINI CONNECTOR, TERMINAL PLUG
KDY-2	E3943	MINI CONNECTOR, TERMINAL PLUG
KDY-3	E3943	MINI CONNECTOR, TERMINAL PLUG
KDY-4	E3943	MINI CONNECTOR, TERMINAL PLUG
KG-1	E3943	MINI CONNECTOR, TERMINAL PLUG
KG-2	E3943	MINI CONNECTOR, TERMINAL PLUG
KH-1	E3943	MINI CONNECTOR, TERMINAL PLUG
KH-2	E3943	MINI CONNECTOR, TERMINAL PLUG
KH-3	E3943	MINI CONNECTOR, TERMINAL PLUG
KI1-4	EK0044B	4P PLUG, HOUSING
KK1-2	EK0042B	PLUG, HOUSING
KK5-8	EK0044B	4P PLUG, HOUSING
KO1-5	EK0045B	5P PLUG, HOUSING
KP1-6	EK0046B	6P PLUG, HOUSING
KQ1-3	EK0043B	3P PLUG, HOUSING
KSV-1	EK0040	TERMINAL SOCKET
KSV-2	EK0040	TERMINAL SOCKET
KSVP1-2	EK0042B	PLUG, HOUSING
KSVS1-2	EK0062B	2P PLUG, HOUSING
KS1-2	EK0042B	PLUG, HOUSING
KTP-A	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-B	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-F	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-G	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-H	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-J	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-M	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-N	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-O	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-P	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP-Q	E3943	MINI CONNECTOR, TERMINAL PLUG
KU1-6	EK0046B	6P PLUG, HOUSING
KVC	E3326	SOCKET, 1P MINI CONNECTOR
KVCS	E3325	CONNECTOR, TERMINAL SOCKET
KVC1P	E3943	MINI CONNECTOR, TERMINAL PLUG
KVC2P	E3943	MINI CONNECTOR, TERMINAL PLUG
KVC3P	E3943	MINI CONNECTOR, TERMINAL PLUG
KV4-7	EK0044B	4P PLUG, HOUSING
K1P1-2	EK0042B	PLUG, HOUSING
K2A1-2	EK0042B	PLUG, HOUSING
K3H1-3	EK0043B	3P PLUG, HOUSING
K3P1-2	EK0042B	PLUG, HOUSING
K4H1-3	EK0043B	3P PLUG, HOUSING
PS301	E1587P	POSISTOR, PTH451A
Q303A	YM00617	HEAT SINK
Q452A	YM00631	RADIATOR,H-OUT
Q452Z2	3150843	RETAINER, LEAD WIRE
Q452Z4	3150843	RETAINER, LEAD WIRE
W471A	FY0006	CRT CAP
W471B	FY0007	FOCUS LEAD
X101	EX0137XS	SAW FILTER
X131	E8316	CERAMIC FILTER
X132	E8315	CERAMIC FILTER
X190	E8375	CRYSTAL OSCILATOR
X201	EX0178XT	CERAMIC TRAP
X221	EX0139XC	CRYSTAL OSCILLATOR

UE1085 (CRT UNIT D5PC)

CAPACITORS

C601	CCHFK391	CERAMIC,390PF,+-10%,50V
C602	CCHFK221	CERAMIC,220PF,+-10%,50V
C611	CCHFK271	CERAMIC,270PF,+-10%,50V
C612	CCHFK221	CERAMIC,220PF,+-10%,50V
C621	CCHFK331	CERAMIC,330PF,+-10%,50V
C622	CCHFK221	CERAMIC,220PF,+-10%,50V
C631	CCZJP102	CERAMIC,1000PF,+100%-0%,2KV

Ref. No.	Part No.	Description

RESISTORS

R601	401 017 0807	CARBON	270 JA	1/4W
R602	401 020 2003	CARBON	4.7K JA	1/4W
R605	401 016 2604	CARBON	220 JA	1/4W
R606	401 023 0709	CARBON	82 JA	1/4W
R611	401 017 0807	CARBON	270 JA	1/4W
R612	401 020 2003	CARBON	4.7K JA	1/4W
R615	401 016 2604	CARBON	220 JA	1/4W
R616	401 023 0709	CARBON	82 JA	1/4W
R621	401 017 0807	CARBON	270 JA	1/4W
R622	401 020 2003	CARBON	4.7K JA	1/4W
R625	401 016 2604	CARBON	220 JA	1/4W
R626	401 023 0709	CARBON	82 JA	1/4W
R627	401 016 2604	CARBON	220 JA	1/4W
R630	401 002 0102	SOLID	3.3K KA	1/2W
R631	401 001 7607	SOLID	270K KA	1/2W

VARIABLE RESISTORS

VR601	GF0072XH	500 OHM, B
VR602	G1127XXB	20K OHM,B
	OR G1127XXH	20K OHM,B
VR611	GF0072XH	500 OHM, B
VR612	G1127XXB	20K OHM,B
	OR G1127XXH	20K OHM,B
VR622	G1127XXB	20K OHM,B
	OR G1127XXH	20K OHM,B

MISCELLANEOUS

A601	JU0005	THICK FILM UNIT
A602	JU0076	VIDEO OUT UNIT
KTP6A	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP6B	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP6C	E3943	MINI CONNECTOR, TERMINAL PLUG
KTP6E	E3943	MINI CONNECTOR, TERMINAL PLUG
K6M	E3943	MINI CONNECTOR, TERMINAL PLUG
K601	EK0437	CRT SOCKET

UE1214 (RC F/S UNIT D5PD)

TRANSISTORS

Q701	QT0195A	BC546A
	OR QT0195B	BC546B
Q702	QT0195A	BC546A
	OR QT0195B	BC546B
Q703	QT0195A	BC546A
	OR QT0195B	BC546B
Q704	QT0195A	BC546A
	OR QT0195B	BC546B
Q710	QT0194A	BC556A
	OR QT0194B	BC556B
Q711	QT0195A	BC546A
	OR QT0195B	BC546B

INTEGRATED CIRCUITS

IC701	QC1091	SAA1061
IC702	QC1089	MAB8441PT048
IC703	QC1092	PCD8572P
IC704	QC1210	HD6305U0A09P

CAPACITORS

C701	CCHCJ330	CERAMIC,33PF,+-5%,50V
C702	CCHCJ330	CERAMIC,33PF,+-5%,50V
C705	CCHFK222	CERAMIC,2200PF,+-10%,50V
C706	CEDEM100	ELECTROLYTIC,10MF,16V

Ref. No.	Part No.	Description
C707	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C708	CEBEM470	ELECTROLYTIC, 47MF, 10V
C709	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C711	CFHRK104	MYLAR FILM, 0.1MF, +-10%, 50V
C712	CCHCJ330	CERAMIC, 33PF, +-5%, 50V
C713	CCHCJ330	CERAMIC, 33PF, +-5%, 50V
RESISTORS		
R701	401 023 1706	CARBON 820 JA 1/4W
R702	401 023 1706	CARBON 820 JA 1/4W
R703	401 023 1706	CARBON 820 JA 1/4W
R704	401 023 1706	CARBON 820 JA 1/4W
R705	401 023 1706	CARBON 820 JA 1/4W
R706	401 023 1706	CARBON 820 JA 1/4W
R707	401 023 1706	CARBON 820 JA 1/4W
R708	401 023 1706	CARBON 820 JA 1/4W
R709	401 023 1706	CARBON 820 JA 1/4W
R710	401 023 1706	CARBON 820 JA 1/4W
R711	401 023 1706	CARBON 820 JA 1/4W
R712	401 023 1706	CARBON 820 JA 1/4W
R713	401 023 1706	CARBON 820 JA 1/4W
R714	401 023 1706	CARBON 820 JA 1/4W
R715	401 023 1706	CARBON 820 JA 1/4W
R716	401 023 1706	CARBON 820 JA 1/4W
R717	401 020 0801	CARBON 470 JA 1/4W
R718	401 020 2904	CARBON 47K JA 1/4W
R719	401 012 4503	CARBON 100 JA 1/4W
R720	401 012 4503	CARBON 100 JA 1/4W
R721	401 012 4503	CARBON 100 JA 1/4W
R722	401 020 0801	CARBON 470 JA 1/4W
R723	401 020 0801	CARBON 470 JA 1/4W
R724	401 020 0801	CARBON 470 JA 1/4W
R725	401 020 0801	CARBON 470 JA 1/4W
R726	401 020 0801	CARBON 470 JA 1/4W
R727	401 020 0801	CARBON 470 JA 1/4W
R728	401 020 0801	CARBON 470 JA 1/4W
R729	401 020 0801	CARBON 470 JA 1/4W
R730	401 012 9300	CARBON 1M JA 1/4W
R731	401 016 3809	CARBON 2.2K JA 1/4W
R732	401 016 3809	CARBON 2.2K JA 1/4W
R733	401 012 7009	CARBON 10K JA 1/4W
R734	401 020 2904	CARBON 47K JA 1/4W
R735	401 020 0801	CARBON 470 JA 1/4W
R736	401 013 6407	CARBON 12K JA 1/4W
R738	401 012 4503	CARBON 100 JA 1/4W
R739	401 012 7009	CARBON 10K JA 1/4W
R740	401 022 3107	CARBON 6.8K JA 1/4W
R741	401 022 3107	CARBON 6.8K JA 1/4W
R742	401 014 5201	CARBON 15K JA 1/4W
R743	401 023 2802	CARBON 8.2K JA 1/4W
R744	401 014 4105	CARBON 1.5K JA 1/4W
R760	401 014 4105	CARBON 1.5K JA 1/4W
R761	401 023 2802	CARBON 8.2K JA 1/4W
R762	401 020 2003	CARBON 4.7K JA 1/4W
R763	401 012 5708	CARBON 1K JA 1/4W
R769	401 016 4806	CARBON 22K JA 1/4W
R770	401 012 7009	CARBON 10K JA 1/4W
R771	401 012 5708	CARBON 1K JA 1/4W
R772	401 012 5708	CARBON 1K JA 1/4W
R773	401 012 5708	CARBON 1K JA 1/4W
R774	401 012 5708	CARBON 1K JA 1/4W
R775	401 020 0801	CARBON 470 JA 1/4W
R776	401 012 5708	CARBON 1K JA 1/4W
R777	401 020 0801	CARBON 470 JA 1/4W
COILS		
L701	LDAK120	PEAKING, 12UH
L702	LDAK270	PEAKING, 27UH, +-10%

Ref. No.	Part No.	Description
DIODES		
D701	E1670Z	RD3.6EL, ZENER, 3.6V
D710	E1828ZA	ZENER, EQA02-12A
OR	E1828ZB	EQA02-12B, ZENER, 12V
D711	E1828ZA	ZENER, EQA02-12A
OR	E1828ZB	EQA02-12B, ZENER, 12V
D712	E1660Z	EQA02-05M1, 5V, ZENER
D713	E1660Z	EQA02-05M1, 5V, ZENER
D714	E1660Z	EQA02-05M1, 5V, ZENER
D715	E1660Z	EQA02-05M1, 5V, ZENER
D716	E1660Z	EQA02-05M1, 5V, ZENER
D717	E1660Z	EQA02-05M1, 5V, ZENER
D718	E1660Z	EQA02-05M1, 5V, ZENER
D760	E1670Z	RD3.6EL, ZENER, 3.6V
MISCELLANEOUS		
K7A	EK0044B	4P PLUG, HOUSING
K7B	EK0042B	PLUG, HOUSING
K7C	EK0042B	PLUG, HOUSING
K7D	EK0047B	7P PLUG, HOUSING
K7F	EK0048B	8P PLUG, HOUSING
K7G-1	EK0048B	8P PLUG, HOUSING
K7G-2	EK0049B	9P PLUG, HOUSING
K7HG	EK0046B	6P PLUG, HOUSING
K7J	EK0043B	3P PLUG, HOUSING
K7L	EK0042B	PLUG, HOUSING
K7M	EK0042B	PLUG, HOUSING
K7N	EK0043B	3P PLUG, HOUSING
K7R	EK0043B	3P PLUG, HOUSING
K7S	EK0042B	PLUG, HOUSING
X701	E8386	CERAMIC, 4.0MHZ
OR	E8353	CERAMIC, 4.0MHZ
X702	E8386	CERAMIC, 4.0MHZ
OR	E8353	CERAMIC, 4.0MHZ
UE1161 (RC PREAMP. UNIT D5PC)		
TRANSISTORS		
Q1871	Q5053F	2SC536(F)
OR	Q6565Y	2SC1815(Y)
OR	Q5183P	2SC945A(P)
OR	Q5183Q	2SC945A(Q)
OR	Q5053G	2SC536(G)
OR	Q6565G	2SC1815(G)
INTEGRATED CIRCUITS		
IC1871	QC0383	LA7224
CAPACITORS		
C1871	CEDEM100	ELECTROLYTIC, 10MF, 16V
C1872	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C1873	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C1874	CN0006	POLYPROPYLENE, 2700PF, +-5%, 100V
C1876	CFHRK183	MYLAR FILM, 0.018MF, +-10%, 50V
OR	CFHSK183	MYLAR FILM, 0.018MF, +-10%, 50V
C1877	CFHRK472	MYLAR FILM, 4700PF, +-10%, 50V
OR	CFHSK472	MYLAR FILM, 4700PF, +-10%, 50V
C1878	CEDEM470	ELECTROLYTIC, 47MF, 16V
RESISTORS		
R1871	401 024 7004	CARBON 1K JA 1/6W
R1872	401 026 9303	CARBON 47 JA 1/6W
R1876	401 024 7707	CARBON 100K JA 1/6W
R1877	401 024 7400	CARBON 10K JA 1/6W

Ref. No.	Part No.	Description
R1879	401 024 6700	CARBON 100 JA 1/6W
TRANSFORMERS		
T1871	LM0026	INDUCTOR,
DIODES		
D1871	EL0086	PHOTO DIODE SP1-06PF
	OR E1780L	PH302, PHOTO
MISCELLANEOUS		
D1871A	3S00712	FILTER
Z1871	2P01416	SHIELD CASE

UE1080 (TELETEXT UNIT D5PC)

TRANSISTORS		
Q1004	QT0195A	BC546A
	OR QT0195B	BC546B
Q1041	QT0194A	BC556A
	OR QT0194B	BC556B
Q1051	QT0195A	BC546A
	OR QT0195B	BC546B
Q1052	QT0195A	BC546A
	OR QT0195B	BC546B
Q1053	QT0195A	BC546A
	OR QT0195B	BC546B
Q1054	QT0195A	BC546A
	OR QT0195B	BC546B
Q1071	Q6556E	2SC2274(E)
	OR Q6556F	2SC2274(F)
INTEGRATED CIRCUITS		
IC1001	QC1093	MAB8441PT049
IC1011	QC0661	SAA5230
IC1031	QC0662	SAA5240A
IC1032	QC0459	TMM2016AP-15
	OR QC0461	UPD4016C-1
	OR QC0460	HM6116P-4
	OR QC0780	TMM2016BP-15
CAPACITORS		
C1001	CFHRK104	MYLAR FILM,0.1MF,+-10%,50V
	OR CFHSK104	MYLAR FILM,0.1MF,+-10%,50V
C1002	CCHBJ270	CERAMIC,27PF,+-5%,50V
C1003	CCHBJ270	CERAMIC,27PF,+-5%,50V
C1004	CCHJZ103	CERAMIC,0.01MF,+80%-20%,50V
C1011	CFHRK223	MYLAR FILM,0.022MF,+-10%,50V
	OR CFHSK223	MYLAR FILM,0.022MF,+-10%,50V
C1012	CEDEM220	ELECTROLYTIC,22MF,16V
C1013	CCHBJ150	CERAMIC,15PF,+-5%,50V
C1014	CCHFK102	CERAMIC,1000PF,+-10%,50V
C1015	CCHFK471	CERAMIC,470PF,+-10%,50V
C1016	CFHRK223	MYLAR FILM,0.022MF,+-10%,50V
	OR CFHSK223	MYLAR FILM,0.022MF,+-10%,50V
C1017	CCHFK271	CERAMIC,270PF,+-10%,50V
C1018	CCHBJ101	CERAMIC,100PF,+-5%,50V
C1019	CCHBJ150	CERAMIC,15PF,+-5%,50V
C1020	CCHBJ270	CERAMIC,27PF,+-5%,50V
C1021	CFHRK473	MYLAR FILM,0.047MF,+-10%,50V
	OR CFHSK473	MYLAR FILM,0.047MF,+-10%,50V
C1023	CFHRK473	MYLAR FILM,0.047MF,+-10%,50V
	OR CFHSK473	MYLAR FILM,0.047MF,+-10%,50V
C1025	CCHBJ180	CERAMIC,18PF,+-5%,50V
C1026	CCHFK221	CERAMIC,220PF,+-10%,50V
C1027	CFHRK683	MYLAR FILM,0.068MF,+-10%,50V
	OR CFHSK683	MYLAR FILM,0.068MF,+-10%,50V
C1028	CEHEM2R2	ELECTROLYTIC,2.2MF,50V
C1029	CCHJZ103	CERAMIC,0.01MF,+80%-20%,50V
C1031	CFHRK104	MYLAR FILM,0.1MF,+-10%,50V
	OR CFHSK104	MYLAR FILM,0.1MF,+-10%,50V
C1071	CEBEM471	ELECTROLYTIC,470MF,10V
C1072	CEBEM101	ELECTROLYTIC,100MF,10V
C1081	CFHBJ224	MYLAR FILM,0.22MF,+-5%,50V
C1082	CEHEM3R3	ELECTROLYTIC,3.3MF,50V
RESISTORS		
R1001	401 025 4200	CARBON 1.8K JA 1/6W
R1002	401 027 2303	CARBON 560 JA 1/6W
R1003	401 026 9907	CARBON 4.7K JA 1/6W
R1004	401 025 8208	CARBON 22K JA 1/6W
R1005	401 025 8208	CARBON 22K JA 1/6W
R1006	401 024 8001	CARBON 1M JA 1/6W
R1007	401 025 8208	CARBON 22K JA 1/6W
R1011	401 024 9305	CARBON 1.2K JA 1/6W
R1012	401 024 6700	CARBON 100 JA 1/6W
R1015	401 026 3905	CARBON 330 JA 1/6W
R1016	401 027 3003	CARBON 56K JA 1/6W
R1041	401 027 9005	CARBON 82K JA 1/6W
R1042	401 024 7400	CARBON 10K JA 1/6W
R1043	401 026 9907	CARBON 4.7K JA 1/6W
R1046	401 027 0309	CARBON 47K JA 1/6W
R1051	401 026 4308	CARBON 3.3K JA 1/6W
R1052	401 025 7805	CARBON 2.2K JA 1/6W
R1053	401 027 8107	CARBON 82 JA 1/6W
R1054	401 026 4308	CARBON 3.3K JA 1/6W
R1055	401 025 7805	CARBON 2.2K JA 1/6W
R1056	401 027 8107	CARBON 82 JA 1/6W
R1057	401 026 4308	CARBON 3.3K JA 1/6W
R1058	401 025 7805	CARBON 2.2K JA 1/6W
R1059	401 027 8107	CARBON 82 JA 1/6W
R1060	401 025 7805	CARBON 2.2K JA 1/6W
R1061	401 026 1000	CARBON 2.7K JA 1/6W
R1062	401 026 3707	CARBON 33 JA 1/6W
R1071	401 027 2303	CARBON 560 JA 1/6W
R1081	401 026 4308	CARBON 3.3K JA 1/6W
R1082	401 024 7004	CARBON 1K JA 1/6W
R1083	401 027 3003	CARBON 56K JA 1/6W
COILS		
L1001	LDAM1R5	PEAKING,1.5UH
L1002	LDAM1R5	PEAKING,1.5UH
L1011	LDAJ150	PEAKING, 15UH
L1031	LDAM1R5	PEAKING,1.5UH
L1032	LDAM1R5	PEAKING,1.5UH
DIODES		
D1001	E1670Z	RD3.6EL, ZENER, 3.6V
D1010	ED0061D	EQA02-05D
D1041	ED0274	1N4148
D1042	ED0274	1N4148
D1081	ED0274	1N4148
D1082	ED0274	1N4148
MISCELLANEOUS		
K10A	EK0045B	5P PLUG, HOUSING
K10B	EK0046B	6P PLUG, HOUSING
K10C	EK0043B	3P PLUG, HOUSING
K10D	EK0042B	PLUG, HOUSING
K10FS	EK0289	SOCKET, 10P
K10GS	EK0289	SOCKET, 10P

Ref. No.	Part No.	Description
K10K	EK0042B	PLUG, HOUSING
VC1011	C9046	TRIMMER, 5-40PF
X1001	E8375	CRYSTAL OSCILATOR
X1011	EX0125XC	CRYSTAL OSCILLATOR
X1012	EX0008X0	CERAMIC OSCILLATOR

UE1027 (1P JACK UNIT D5RA)

RESISTORS

R1101	401 007 7601	CARBON	150 JA 1/2W
R1102	401 007 7601	CARBON	150 JA 1/2W

MISCELLANEOUS

K1101	EK0729	PHONE JACK

UE1216 (PIP UNIT D5PD)

TRANSISTORS

Q1201	Q6562Y	2SA1015(Y)
	OR Q5102RA	2SA564A(R)
	OR Q6562G	2SA1015(G)
	OR QT0095R	2SA933(R)
	OR Q5077F	2SA608(F)
Q1202	QT0095R	2SA933(R)
	OR Q6562G	2SA1015(G)
	OR Q6562Y	2SA1015(Y)
	OR Q5077F	2SA608(F)
	OR Q5102RA	2SA564A(R)
Q1203	QT0095R	2SA933(R)
	OR Q5077F	2SA608(F)
	OR Q6562G	2SA1015(G)
	OR Q5102RA	2SA564A(R)
	OR Q6562Y	2SA1015(Y)
Q1204	Q6619Z	2SC752
Q1205	QT0100Q	2SC1740(Q)
	OR Q5053F	2SC536(F)
	OR Q5183P	2SC945A(P)
	OR Q5053G	2SC536(G)
	OR Q6565G	2SC1815(G)
	OR Q5183Q	2SC945A(Q)
	OR Q6565Y	2SC1815(Y)
	OR QT0100R	2SC1740(R)
	OR QT0100S	2SC1740(S)
Q1206	QT0100Q	2SC1740(Q)
	OR Q6565G	2SC1815(G)
	OR Q6565Y	2SC1815(Y)
	OR Q5183P	2SC945A(P)
	OR Q5183Q	2SC945A(Q)
	OR Q5053F	2SC536(F)
	OR Q5053G	2SC536(G)
	OR QT0100S	2SC1740(S)
	OR QT0100R	2SC1740(R)
Q1207	QT0100Q	2SC1740(Q)
	OR Q6565Y	2SC1815(Y)
	OR Q5183Q	2SC945A(Q)
	OR Q6565G	2SC1815(G)
	OR Q5053G	2SC536(G)
	OR Q5183P	2SC945A(P)
	OR QT0100S	2SC1740(S)
	OR Q5053F	2SC536(F)
	OR QT0100R	2SC1740(R)
Q1208	QT0100Q	2SC1740(Q)
	OR Q6565G	2SC1815(G)
	OR Q6565Y	2SC1815(Y)
	OR Q5183P	2SC945A(P)
	OR Q5183Q	2SC945A(Q)
	OR Q5053F	2SC536(F)
	OR Q5053G	2SC536(G)
	OR QT0100R	2SC1740(R)

Ref. No.	Part No.	Description
	OR QT0100S	2SC1740(S)
Q1209	QT0100S	2SC1740(S)
	OR Q6565G	2SC1815(G)
	OR Q6565Y	2SC1815(Y)
	OR Q5183Q	2SC945A(Q)
	OR Q5053G	2SC536(G)
	OR Q5183P	2SC945A(P)
	OR Q5053F	2SC536(F)
	OR QT0100Q	2SC1740(Q)
	OR QT0100R	2SC1740(R)

INTEGRATED CIRCUITS

IC1201	QC1038	MB40576
IC1202	QC1038	MB40576
IC1203	Q7448	TC4053BP
IC1204	Q7448	TC4053BP
IC1205	QC1039	MB40776
IC1206	QC1039	MB40776
IC1207	QC0146	HD74LS157P
IC1208	QC0150	HD74LS161P, COUNTER
IC1209	QC0149	HD74LS374P
IC1210	QC0217	HD74LS244P
IC1211	QC1039	MB40776
IC1212	QC0398	HD74LS273P
IC1213	QC0150	HD74LS161P, COUNTER
IC1214	QC0149	HD74LS374P
IC1215	QC1257	LC9022A-061
IC1216	QC0141	HD74LS08P
IC1217	QC0149	HD74LS374P
IC1218	QC0149	HD74LS374P
IC1219	QC0174	HD74LS32P
IC1220	Q7287	HD74LS123P
IC1221	QC1070	TMM2064P-10
IC1222	QC0398	HD74LS273P
IC1223	QC0149	HD74LS374P
IC1224	QC0143	HD74LS74AP
IC1225	QC0398	HD74LS273P
IC1226	QC0306	HD74LS240P
IC1227	QC0150	HD74LS161P, COUNTER
IC1228	QC0173	HD74LS00P
IC1229	QC0780	TMM2016BP-15
IC1230	Q7288	HD74LS174P
IC1231	QC0143	HD74LS74AP
IC1232	QC0143	HD74LS74AP
IC1233	QC0143	HD74LS74AP
IC1234	Q7402	HD74LS86P
IC1235	Q7288	HD74LS174P

CAPACITORS

C1201	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1202	CEFIM4R7	ELECTROLYTIC, 4.7MF, 25V
C1203	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1204	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1205	CEAIM101	ELECTROLYTIC, 100MF, 6.3V
C1206	CEAIM101	ELECTROLYTIC, 100MF, 6.3V
C1207	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1208	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1209	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1210	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1211	CCHCJ680	CERAMIC, 68PF, +-5%, 50V
C1212	CCHBJ820	CERAMIC, 82PF, +-5%, 50V
C1213	CCHBJ820	CERAMIC, 82PF, +-5%, 50V
C1214	CCHBJ820	CERAMIC, 82PF, +-5%, 50V
C1215	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1216	CCHBJ820	CERAMIC, 82PF, +-5%, 50V
C1217	CEHIM2R2	ELECTROLYTIC, 2.2MF, 50V
C1218	CEHIM1R0	ELECTROLYTIC, 1MF, 50V
C1219	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1220	CEHIM1R0	ELECTROLYTIC, 1MF, 50V
C1221	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1222	CEAIM101	ELECTROLYTIC, 100MF, 6.3V

Ref. No.	Part No.	Description
C1229	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1230	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1231	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1232	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1233	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1234	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1235	CEHIM1R0	ELECTROLYTIC, 1MF, 50V
C1236	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1237	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1238	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1239	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1240	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1241	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1242	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1243	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1244	CCHFK102	CERAMIC, 1000PF, +-10%, 50V
C1245	CCHFK102	CERAMIC, 1000PF, +-10%, 50V
C1246	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1247	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1248	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1249	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1250	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1251	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1252	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1253	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1254	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1255	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1256	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1257	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1258	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1259	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1260	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1261	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1262	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C1264	CCHBJ390	CERAMIC, 39PF, +-5%, 50V

RESISTORS

R1201	401 048 6205	MT-FILM	470 FA	1/4W
R1202	401 043 0703	MT-FILM	1.5K FA	1/4W
R1203	401 024 7004	CARBON	1K JA	1/6W
R1204	401 024 6700	CARBON	100 JA	1/6W
R1205	401 024 7004	CARBON	1K JA	1/6W
R1206	401 024 7004	CARBON	1K JA	1/6W
R1207	401 025 1605	CARBON	1.5K JA	1/6W
R1208	401 026 1000	CARBON	2.7K JA	1/6W
R1209	401 025 1902	CARBON	15K JA	1/6W
R1210	401 025 7805	CARBON	2.2K JA	1/6W
R1211	401 025 7805	CARBON	2.2K JA	1/6W
R1212	401 025 4200	CARBON	1.8K JA	1/6W
R1213	401 026 6609	CARBON	390 JA	1/6W
R1214	401 026 6609	CARBON	390 JA	1/6W
R1215	401 026 1000	CARBON	2.7K JA	1/6W
R1216	401 026 6609	CARBON	390 JA	1/6W
R1217	401 025 1605	CARBON	1.5K JA	1/6W
R1218	401 025 1902	CARBON	15K JA	1/6W
R1219	401 026 7408	CARBON	39K JA	1/6W
R1220	401 027 2600	CARBON	5.6K JA	1/6W
R1221	401 027 2600	CARBON	5.6K JA	1/6W
R1222	401 027 5205	CARBON	680 JA	1/6W
R1231	401 027 3003	CARBON	56K JA	1/6W
R1232	401 027 3003	CARBON	56K JA	1/6W

COILS

L1201	L3005XXXA	HEATER CORE

DIODES

D1201	E1121R	1S1555
	OR E1775R	DS442
	OR E1229R	1S2473
	OR E1324R	1S2076
D1202	E1121R	1S1555
	OR E1324R	1S2076
	OR E1775R	DS442
	OR E1229R	1S2473
	OR E1324R	1S2076
D1203	E1121R	1S1555
	OR E1775R	DS442
	OR E1229R	1S2473
	OR E1324R	1S2076
D1204	E1121R	1S1555
	OR E1775R	DS442
	OR E1229R	1S2473
	OR E1324R	1S2076
D1205	E1682ZF	EQA02-05E, ZENER
D1206	E1682ZF	EQA02-05E, ZENER
D1207	E1682ZF	EQA02-05E, ZENER
D1208	E1682ZF	EQA02-05E, ZENER
D1209	E1682ZF	EQA02-05E, ZENER

MISCELLANEOUS

B1201	RN0132	RESISTOR BLOCK 2.7K OHM*5
B1202	RN0132	RESISTOR BLOCK 2.7K OHM*5
B1203	RN0132	RESISTOR BLOCK 2.7K OHM*5
B1204	RN0135	RESISTOR BLOCK 3.3K OHM*5
K12HA	EK0043B	3P PLUG, HOUSING
K12HB	EK0042B	PLUG, HOUSING
K12HC	EK0044B	4P PLUG, HOUSING
K12HD	EK0045B	5P PLUG, HOUSING
K12HE	EK0042B	PLUG, HOUSING
K12HF	EK0045B	5P PLUG, HOUSING
K12HG	EK0046B	6P PLUG, HOUSING
X1201	EX0175XC	CRYSTAL OSCILATOR

UE1213 (AV UNIT D5PD)

TRANSISTORS

Q1311	QT0194A	BC556A
	OR QT0194B	BC556B
Q1312	QT0195B	BC546B
	OR QT0195A	BC546A
Q1313	QT0195A	BC546A
	OR QT0195B	BC546B
Q1314	QT0194B	BC556B
	OR QT0194A	BC556A
Q1315	QT0194A	BC556A
	OR QT0194B	BC556B
Q1321	QT0195A	BC546A
	OR QT0195B	BC546B
Q1341	QT0195A	BC546A
	OR QT0195B	BC546B
Q1342	QT0195A	BC546A
	OR QT0195B	BC546B

INTEGRATED CIRCUITS

IC1301	Q7448	TC4053BP
IC1371	QC0058	AN5262, SOUND CONTROL

CAPACITORS

C1301	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1302	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1303	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C1310	CEDEM100	ELECTROLYTIC, 10MF, 16V
C1312	CEDEM330	ELECTROLYTIC, 33MF, 16V
C1314	CCHBJ270	CERAMIC, 27PF, +-5%, 50V
C1315	CEDEM221	ELECTROLYTIC, 220MF, 16V
C1316	CCHBJ270	CERAMIC, 27PF, +-5%, 50V
C1317	CCHBJ8R0	CERAMIC, 8PF, +-5%, 50V

Ref. No.	Part No.	Description
C1318	CEDEM470	ELECTROLYTIC,47MF,16V
C1320	CEDEM470	ELECTROLYTIC,47MF,16V
C1321	CEDEM470	ELECTROLYTIC,47MF,16V
C1322	CEDEM470	ELECTROLYTIC,47MF,16V
C1323	CEDEM470	ELECTROLYTIC,47MF,16V
C1331	CCHFK471	CERAMIC,470PF,+-10%,50V
C1332	CEHEM1R0	ELECTROLYTIC,1MF,50V
C1333	CEDEM100	ELECTROLYTIC,10MF,16V
C1334	CEHEM1R0	ELECTROLYTIC,1MF,50V
C1351	CEDEM100	ELECTROLYTIC,10MF,16V
C1371	CEDEM100	ELECTROLYTIC,10MF,16V
C1372	CEDEM100	ELECTROLYTIC,10MF,16V
C1373	CEDEM100	ELECTROLYTIC,10MF,16V

RESISTORS

R1301	401 012 5708	CARBON	1K	JA	1/4W
R1302	401 017 2801	CARBON	27K	JA	1/4W
R1303	401 012 7009	CARBON	10K	JA	1/4W
R1304	401 012 5708	CARBON	1K	JA	1/4W
R1305	401 013 6407	CARBON	12K	JA	1/4W
R1306	401 022 4104	CARBON	68K	JA	1/4W
R1308	401 020 0801	CARBON	470	JA	1/4W
R1313	401 012 5708	CARBON	1K	JA	1/4W
R1314	401 023 3700	CARBON	82K	JA	1/4W
R1315	401 017 2801	CARBON	27K	JA	1/4W
R1316	401 021 1906	CARBON	560	JA	1/4W
R1317	401 021 1906	CARBON	560	JA	1/4W
R1318	401 013 4205	CARBON	120	JA	1/4W
R1319	401 016 3809	CARBON	2.2K	JA	1/4W
R1320	401 019 1000	CARBON	390	JA	1/4W
R1321	401 012 7009	CARBON	10K	JA	1/4W
R1322	401 022 6801	CARBON	75	JA	1/4W
R1323	401 022 6801	CARBON	75	JA	1/4W
R1324	401 016 2504	CARBON	220	JA	1/4W
R1325	401 018 3807	CARBON	3.3K	JA	1/4W
R1326	401 012 5708	CARBON	1K	JA	1/4W
R1327	401 019 3004	CARBON	39K	JA	1/4W
R1328	401 013 6407	CARBON	12K	JA	1/4W
R1329	401 012 5708	CARBON	1K	JA	1/4W
R1331	401 016 4806	CARBON	22K	JA	1/4W
R1332	401 012 8105	CARBON	100K	JA	1/4W
R1333	401 021 1906	CARBON	560	JA	1/4W
R1334	401 020 2904	CARBON	47K	JA	1/4W
R1336	401 012 5708	CARBON	1K	JA	1/4W
R1337	401 017 1804	CARBON	2.7K	JA	1/4W
R1338	401 017 1804	CARBON	2.7K	JA	1/4W
R1341	401 012 7009	CARBON	10K	JA	1/4W
R1342	401 016 3809	CARBON	2.2K	JA	1/4W
R1343	401 020 2904	CARBON	47K	JA	1/4W
R1344	401 012 7009	CARBON	10K	JA	1/4W
R1345	401 012 5708	CARBON	1K	JA	1/4W
R1351	401 018 9809	CARBON	39	JA	1/4W
R1352	401 018 9809	CARBON	39	JA	1/4W
R1353	401 018 9809	CARBON	39	JA	1/4W
R1374	401 019 1901	CARBON	3.9K	JA	1/4W
R1375	401 012 5708	CARBON	1K	JA	1/4W

VARIABLE RESISTORS

VR1311	GF0109DH	B-1K OHM
	OR GF0109DT	1K OHM, B ADJ.

COILS

L1310	LDAK101	PEAKING, 100UH
L1311	LDAJ270	PEAKING,27UH,+-5%
L1312	LDAJ330	PEAKING 33UH
L1313	LDAK470	PEAKING, 47UH
L1371	LDAK101	PEAKING, 100UH

Ref. No.	Part No.	Description
DIODES		
D1301	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D1302	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D1303	E1828ZA	ZENER, EQA02-12A
	OR E1828ZB	EQA02-12B, ZENER, 12V
D1304	E1828ZB	EQA02-12B, ZENER, 12V
	OR E1828ZA	ZENER, EQA02-12A
D1331	ED0274	1N4148
D1341	ED0274	1N4148
D1342	ED0274	1N4148
MISCELLANEOUS		
K13D1S	EK0080Y	JACK, RCA 1P
K13D2S	EK0080Y	JACK, RCA 1P
K13FS	EK0080W	JACK, RCA 1P
K13GS	EK0080W	JACK, RCA 1P
K13HS	E3376	21P SOCKET

UE1083 (TOUCH UNIT D5PC)

RESISTORS

R1401	401 012 5708	CARBON	1K	JA	1/4W

DIODES

D1401	ED0274	1N4148

MISCELLANEOUS

LD1401	EL0089	DISPLAY, SL-1213-08T
LD1402	EL0035	SLP-960B, LED
LD1402A	3M04715	LED HOLDER
LD1404	EL0094	LED, SLP-154B-50
SW1401	ES0215	PUSH SWITCH
	OR ES0215A	SWITCH,PUSH
SW1402	ES0215	PUSH SWITCH
	OR ES0215A	SWITCH,PUSH
SW1403	ES0215	PUSH SWITCH
	OR ES0215A	SWITCH,PUSH
SW1404	ES0215	PUSH SWITCH
	OR ES0215A	SWITCH,PUSH
SW1405	ES0215	PUSH SWITCH
	OR ES0215A	SWITCH,PUSH

UE1212 (CONTROL UNIT D5PD)

RESISTORS

R1701	401 013 6407	CARBON	12K	JA	1/4W
R1702	401 022 3107	CARBON	6.8K	JA	1/4W

VARIABLE RESISTORS

VR1701	GR0165XA	B-10K OHM
	OR GR0165XM	B-10K OHM
VR1702	GR0165XA	B-10K OHM
	OR GR0165XM	B-10K OHM
VR1703	GR0322XA	1K OHM,B
	OR GR0322XM	1K OHM,B

MISCELLANEOUS

SW1701	ES0060	SWITCH, PUSH

Ref. No.	Part No.	Description
SW1702	ES0060	SWITCH, PUSH
SW1703	ES0060	SWITCH, PUSH
SW1704	ES0060	SWITCH, PUSH
SW1705	ES0060	SWITCH, PUSH
SW1706	ES0060	SWITCH, PUSH
SW1707	ES0060	SWITCH, PUSH

UE1215 (I/F UNIT D5PD)

TRANSISTORS

Q2101	QT0194A	BC556A
	OR QT0194B	BC556B
Q2131	QT0195A	BC546A
	OR QT0195B	BC546B
Q2141	QT0195A	BC546A
	OR QT0195B	BC546B
Q2142	QT0195A	BC546A
	OR QT0195B	BC546B
Q2143	QT0194A	BC556A
	OR QT0194B	BC556B
Q2151	QT0195A	BC546A
	OR QT0195B	BC546B
Q2152	QT0195A	BC546A
	OR QT0195B	BC546B
Q2153	QT0195A	BC546A
	OR QT0195B	BC546B
Q2154	QT0195A	BC546A
	OR QT0195B	BC546B
Q2161	Q6786F	2SC1583(F)
Q2171	QT0195A	BC546A
	OR QT0195B	BC546B
Q2201	QT0195A	BC546A
	OR QT0195B	BC546B
Q2202	QT0195A	BC546A
	OR QT0195B	BC546B
Q2203	QT0195A	BC546A
	OR QT0195B	BC546B
Q2210	QT0195A	BC546A
	OR QT0195B	BC546B
Q2211	QT0195A	BC546A
	OR QT0195B	BC546B
Q2212	QT0195A	BC546A
	OR QT0195B	BC546B
Q2213	QT0195A	BC546A
	OR QT0195B	BC546B

INTEGRATED CIRCUITS

IC2101	QC0800	M51308SP, VIDEO, COLOUR, DEFLECTION
IC2102	QC0216	LC4011B
IC2103	QC1219	TA7676P
IC2104	QC0171	HD74LS02P, OUTPUT
IC2105	QC0915A	SI-3052V

CAPACITORS

C2101	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2102	CCHAJ680	CERAMIC, 68PF, +-5%, 50V
C2103	CEDEM100	ELECTROLYTIC, 10MF, 16V
C2104	CEHEM1R0	ELECTROLYTIC, 1MF, 50V
C2105	CEHEM1R0	ELECTROLYTIC, 1MF, 50V
C2106	CEHEM2R2	ELECTROLYTIC, 2.2MF, 50V
C2107	CEDEM221	ELECTROLYTIC, 220MF, 16V
C2108	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2109	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2110	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2111	CCHBJ151	CERAMIC, 150PF, +-5%, 50V
C2112	CCHBJ560	CERAMIC, 56PF, +-5%, 50V
C2113	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2114	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2115	CEHEM1R0	ELECTROLYTIC, 1MF, 50V

Ref. No.	Part No.	Description
C2116	CEHEMR47	ELECTROLYTIC, 0.47MF, 50V
C2117	CCHBJ121	CERAMIC, 120PF, +-5%, 50V
C2118	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2120	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2121	CEHEMR47	ELECTROLYTIC, 0.47MF, 50V
C2122	CFHRK223	MYLAR FILM, 0.022MF, +-10%, 50V
C2123	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2124	CCHBJ181	CERAMIC, 180PF, +-5%, 50V
C2125	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2126	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2130	CEHEM3R3	ELECTROLYTIC, 3.3MF, 50V
C2131	CCHFK152	CERAMIC, 1500PF, +-10%, 50V
C2132	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
C2133	CTDEK225	ELECTROLYTIC, 2.2MF, +-10%, 16V
C2134	CCHFK152	CERAMIC, 1500PF, +-10%, 50V
C2135	CFHRJ152	MYLAR FILM, 1500PF, +-5%, 50V
C2136	CFHSK223	MYLAR FILM, 0.022MF, +-10%, 50V
	OR CFHRK223	MYLAR FILM, 0.022MF, +-10%, 50V
C2137	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
C2138	CEDEM221	ELECTROLYTIC, 220MF, 16V
C2139	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2140	CEHAN2R2	NON-POLARIZED ELECTROLYTIC, 2.2MF, 50\
C2141	CFHRK103	MYLAR FILM, 0.01MF, +-10%, 50V
C2142	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2143	CCHBJ820	CERAMIC, 82PF, +-5%, 50V
C2144	CCHBJ221	CERAMIC, 220PF, +-5%, 50V
C2145	CCHFK391	CERAMIC, 390PF, +-10%, 50V
C2146	CEDEM100	ELECTROLYTIC, 10MF, 16V
C2147	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2148	CCHFK391	CERAMIC, 390PF, +-10%, 50V
C2149	CEDEM100	ELECTROLYTIC, 10MF, 16V
C2150	CFHRK333	MYLAR FILM, 0.033MF, +-10%, 50V
C2151	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C2152	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2170	CEDEM101	ELECTROLYTIC, 100MF, 16V
C2171	CFHRK152	MYLAR FILM, 1500PF, +-10%, 50V
C2172	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2180	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2181	CEDEM101	ELECTROLYTIC, 100MF, 16V
C2182	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C2183	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C2184	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2185	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2186	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2187	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C2188	CFHRK473	MYLAR FILM, 0.047MF, +-10%, 50V
C2189	CFHRK473	MYLAR FILM, 0.047MF, +-10%, 50V
C2190	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C2191	CFHRK473	MYLAR FILM, 0.047MF, +-10%, 50V
C2192	CFHBJ104	MYLAR FILM, 0.1MF, +-5%, 50V
C2193	CEDEM470	ELECTROLYTIC, 47MF, 16V
C2194	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2195	CEDEM470	ELECTROLYTIC, 47MF, 16V
C2196	CEDEM470	ELECTROLYTIC, 47MF, 16V
C2197	CEFEM4R7	ELECTROLYTIC, 4.7MF, 25V
C2201	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2202	CCHFK331	CERAMIC, 330PF, +-10%, 50V
C2203	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2210	CCHFK271	CERAMIC, 270PF, +-10%, 50V
C2211	CCHJZ103	CERAMIC, 0.01MF, +80%-20%, 50V
C2212	CEDEM470	ELECTROLYTIC, 47MF, 16V

RESISTORS

R2101	401 017 2801	CARBON	27K JA 1/4W
R2102	401 020 0801	CARBON	470 JA 1/4W
R2103	401 012 7009	CARBON	10K JA 1/4W
R2104	401 013 6407	CARBON	12K JA 1/4W
R2105	401 020 2003	CARBON	4.7K JA 1/4W
R2106	401 014 4105	CARBON	1.5K JA 1/4W
R2107	401 014 4105	CARBON	1.5K JA 1/4W
R2108	401 016 3809	CARBON	2.2K JA 1/4W
R2109	401 017 2801	CARBON	27K JA 1/4W
R2110	401 020 2904	CARBON	47K JA 1/4W

Ref. No.	Part No.	Description
R2111	401 019 3004	CARBON 39K JA 1/4W
R2112	401 022 1905	CARBON 680 JA 1/4W
R2113	401 012 7009	CARBON 10K JA 1/4W
R2114	401 019 4704	CARBON 3.9M JA 1/4W
R2115	401 012 8105	CARBON 100K JA 1/4W
R2116	401 014 5201	CARBON 15K JA 1/4W
R2117	401 013 6407	CARBON 12K JA 1/4W
R2118	401 013 8005	CARBON 1.2M JA 1/4W
R2119	401 012 7009	CARBON 10K JA 1/4W
R2120	401 021 1906	CARBON 560 JA 1/4W
R2121	401 019 1000	CARBON 390 JA 1/4W
R2122	401 021 1906	CARBON 560 JA 1/4W
R2130	401 016 2604	CARBON 220 JA 1/4W
R2131	401 015 3800	CARBON 18K JA 1/4W
R2132	401 021 3009	CARBON 5.6K JA 1/4W
R2133	401 023 3700	CARBON 82K JA 1/4W
R2134	401 021 1906	CARBON 560 JA 1/4W
R2135	401 023 2802	CARBON 8.2K JA 1/4W
R2136	401 012 7009	CARBON 10K JA 1/4W
R2137	401 013 4205	CARBON 120 JA 1/4W
R2138	401 019 1000	CARBON 390 JA 1/4W
R2139	401 015 4708	CARBON 180K JA 1/4W
R2140	401 017 0807	CARBON 270 JA 1/4W
R2141	401 021 3009	CARBON 5.6K JA 1/4W
R2142	401 018 5801	CARBON 330K JA 1/4W
R2143	401 023 1706	CARBON 820 JA 1/4W
R2145	401 014 4105	CARBON 1.5K JA 1/4W
R2146	401 014 4105	CARBON 1.5K JA 1/4W
R2147	401 018 3807	CARBON 3.3K JA 1/4W
R2148	401 012 5708	CARBON 1K JA 1/4W
R2149	401 012 5708	CARBON 1K JA 1/4W
R2151	401 020 2003	CARBON 4.7K JA 1/4W
R2152	401 018 3807	CARBON 3.3K JA 1/4W
R2153	401 012 4503	CARBON 100 JA 1/4W
R2154	401 014 4105	CARBON 1.5K JA 1/4W
R2155	401 012 5708	CARBON 1K JA 1/4W
R2156	401 014 4105	CARBON 1.5K JA 1/4W
R2157	401 020 2003	CARBON 4.7K JA 1/4W
R2158	401 018 3807	CARBON 3.3K JA 1/4W
R2159	401 014 4105	CARBON 1.5K JA 1/4W
R2160	401 022 4104	CARBON 68K JA 1/4W
R2161	401 014 4105	CARBON 1.5K JA 1/4W
R2162	401 020 2003	CARBON 4.7K JA 1/4W
R2163	401 017 1804	CARBON 2.7K JA 1/4W
R2164	401 014 4105	CARBON 1.5K JA 1/4W
R2165	401 022 4104	CARBON 68K JA 1/4W
R2166	401 014 4105	CARBON 1.5K JA 1/4W
R2167	401 012 7009	CARBON 10K JA 1/4W
R2168	401 020 2003	CARBON 4.7K JA 1/4W
R2169	401 041 1702	MT-FILM 1K FA 1/4W
R2170	401 014 4105	CARBON 1.5K JA 1/4W
R2171	401 019 1000	CARBON 390 JA 1/4W
R2172	401 012 7009	CARBON 10K JA 1/4W
R2173	401 016 2604	CARBON 220 JA 1/4W
R2180	401 023 2802	CARBON 8.2K JA 1/4W
R2181	401 020 2003	CARBON 4.7K JA 1/4W
R2182	401 017 1804	CARBON 2.7K JA 1/4W
R2183	401 012 4503	CARBON 100 JA 1/4W
R2184	401 022 6801	CARBON 75 JA 1/4W
R2185	401 020 2003	CARBON 4.7K JA 1/4W
R2186	401 012 5708	CARBON 1K JA 1/4W
R2187	401 014 1609	CARBON 15 JA 1/4W
R2188	401 021 0701	CARBON 56 JA 1/4W
R2189	401 012 5708	CARBON 1K JA 1/4W
R2190	401 014 1609	CARBON 15 JA 1/4W
R2191	401 021 0701	CARBON 56 JA 1/4W
R2192	401 012 5708	CARBON 1K JA 1/4W
R2193	401 014 1609	CARBON 15 JA 1/4W
R2194	401 021 0701	CARBON 56 JA 1/4W
R2195	401 012 5708	CARBON 1K JA 1/4W
R2201	401 019 1000	CARBON 390 JA 1/4W
R2202	401 022 6801	CARBON 75 JA 1/4W
R2203	401 021 1906	CARBON 560 JA 1/4W
R2204	401 017 1804	CARBON 2.7K JA 1/4W
R2205	401 019 1000	CARBON 390 JA 1/4W

Ref. No.	Part No.	Description
R2206	401 022 6801	CARBON 75 JA 1/4W
R2207	401 019 1000	CARBON 390 JA 1/4W
R2208	401 022 6801	CARBON 75 JA 1/4W
R2210	401 012 7009	CARBON 10K JA 1/4W
R2211	401 018 3807	CARBON 3.3K JA 1/4W
R2212	401 021 1906	CARBON 560 JA 1/4W
R2213	401 019 1000	CARBON 390 JA 1/4W
R2214	401 018 3807	CARBON 3.3K JA 1/4W
R2216	401 012 5708	CARBON 1K JA 1/4W
R2217	401 012 4503	CARBON 100 JA 1/4W
R2218	401 013 4205	CARBON 120 JA 1/4W
R2220	401 014 5201	CARBON 15K JA 1/4W

VARIABLE RESISTORS

VR2101	GF0123DH	20K OHM,B
	OR GF0123DT	20K OHM,B
VR2102	GF0123DH	20K OHM,B
	OR GF0123DT	20K OHM,B
VR2103	GF0107DH	10K OHM,B
	OR GF0107DT	10K OHM,B
VR2104	G0254XXB	1K OHM, B
	OR G0092XXM	1K OHM, B
VR2105	G0098XXM	10K OHM, B
	OR G0258XXB	10K OHM, B
VR2106	GF0109DH	B-1K OHM
	OR GF0109DT	1K OHM, B ADJ.
VR2191	G0084XXM	B-3K OHM
	OR G0256XXB	3K OHM, B
VR2192	G0084XXM	B-3K OHM
	OR G0256XXB	3K OHM, B

TRANSFORMERS

T2101	SL0007XC	COIL
T2102	ST0125XC	MATCHING

COILS

L2101	LG0026	DELAY LINE
L2102	LDAK5R6	PEAKING, 5.6UH
L2103	LDAK8R2	PEAKING, 8.2UH
L2104	L7309A	1H DELAY LINE
	OR L7309B	1H DELAY LINE
L2151	LDAK221	PEAKING, 220UH

DIODES

D2101	ED0059	EM01Z
D2131	ED0109E	EQA02-06E,ZENER,6V
	OR ED0084D	EQA02-06D,6V,ZENER
D2151	E1031RT	1S188TV
D2152	ED0274	1N4148
D2153	ED0274	1N4148
D2171	ED0274	1N4148

MISCELLANEOUS

IC2105B	EZ0007	SHEET, INSULATION
IC2105A	2P01425	HEAT SINK
K21A	EK0043B	3P PLUG, HOUSING
K21B	EK0043B	3P PLUG, HOUSING
K21C	EK0042B	PLUG, HOUSING
K21D	EK0042B	PLUG, HOUSING
K21F	EK0046B	6P PLUG, HOUSING
K21HA	EK0043B	3P PLUG, HOUSING
K21HB	EK0042B	PLUG, HOUSING
K21HC	EK0044B	4P PLUG, HOUSING
K21HD	EK0045B	5P PLUG, HOUSING
K21HF	EK0045B	5P PLUG, HOUSING

Ref. No.	Part No.	Description
K21K	EK0042B	PLUG, HOUSING
K21O	EK0045B	5P PLUG, HOUSING
K21R	EK0046B	6P PLUG, HOUSING
TP2100	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2101	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2102	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2103	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2104	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2105	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2106	E3943	MINI CONNECTOR, TERMINAL PLUG
TP2107	E3943	MINI CONNECTOR, TERMINAL PLUG
X2101	EX0004XC	CRYSTAL OSCILLATOR
X2141	EX0155X0	CERAMIC OSCILLATOR

(OUT OF CIRCUIT BOARDS)

PICTURE TUBE

⚠	Q901	QQ0153XPH	A51EAL00X01

COILS

⚠	L901	LJ0082CJA	DEGAUSSING

MISCELLANEOUS

KC	E3328	CONNECTOR, 3P SOCKET
KC1S	E3325	CONNECTOR, TERMINAL SOCKET
KC2S	E3325	CONNECTOR, TERMINAL SOCKET
KD	E3328	CONNECTOR, 3P SOCKET
KDY1-3	E3329	CONNECTOR, 4P SOCKET
KDY1S	E3325	CONNECTOR, TERMINAL SOCKET
KDY2S	E3325	CONNECTOR, TERMINAL SOCKET
KDY3S	E3325	CONNECTOR, TERMINAL SOCKET
KDY4	E3326	SOCKET, 1P MINI CONNECTOR
KDY4S	E3325	CONNECTOR, TERMINAL SOCKET
KD1S	E3325	CONNECTOR, TERMINAL SOCKET
KD2S	E3325	CONNECTOR, TERMINAL SOCKET
KH	E3328	CONNECTOR, 3P SOCKET
KHA	EK0063B	3P PLUG, HOUSING
KHA1S	EK0040	TERMINAL SOCKET
KHA2S	EK0040	TERMINAL SOCKET
KHA3S	EK0040	TERMINAL SOCKET
KHB	EK0062B	2P PLUG, HOUSING
KHB1S	EK0040	TERMINAL SOCKET
KHB2S	EK0040	TERMINAL SOCKET
KHC	EK0064B	4P PLUG, HOUSING
KHC1S	EK0040	TERMINAL SOCKET
KHC2S	EK0040	TERMINAL SOCKET
KHC3S	EK0040	TERMINAL SOCKET
KHC4S	EK0040	TERMINAL SOCKET
KHD	EK0065B	5P PLUG, HOUSING
KHD1S	EK0040	TERMINAL SOCKET
KHD2S	EK0040	TERMINAL SOCKET
KHD3S	EK0040	TERMINAL SOCKET
KHD4S	EK0040	TERMINAL SOCKET
KHD5S	EK0040	TERMINAL SOCKET
KHE	EK0062B	2P PLUG, HOUSING
KHE1S	EK0040	TERMINAL SOCKET
KHE2S	EK0040	TERMINAL SOCKET
KHF	EK0065B	5P PLUG, HOUSING
KHF1S	EK0040	TERMINAL SOCKET
KHF2S	EK0040	TERMINAL SOCKET
KHF3S	EK0040	TERMINAL SOCKET
KHF4S	EK0040	TERMINAL SOCKET
KHF5S	EK0065B	5P PLUG, HOUSING
KHG	EK0066B	6P PLUG, HOUSING
KHG1S	EK0040	TERMINAL SOCKET
KHG2S	EK0040	TERMINAL SOCKET
KHG3S	EK0040	TERMINAL SOCKET
KHG4S	EK0040	TERMINAL SOCKET
KHG5S	EK0040	TERMINAL SOCKET
KHG6S	EK0040	TERMINAL SOCKET
KH1S	E3325	CONNECTOR, TERMINAL SOCKET
KH3S	E3325	CONNECTOR, TERMINAL SOCKET
KI	EK0064B	4P PLUG, HOUSING
KI1S	EK0040	TERMINAL SOCKET
KI2S	EK0040	TERMINAL SOCKET
KI3S	EK0040	TERMINAL SOCKET
KI4S	EK0040	TERMINAL SOCKET
KK1-2	EK0062B	2P PLUG, HOUSING
KK1S	EK0040	TERMINAL SOCKET
KK2S	EK0040	TERMINAL SOCKET
KK5-8	EK0064B	4P PLUG, HOUSING
KK5S	EK0040	TERMINAL SOCKET
KK8S	EK0040	TERMINAL SOCKET
KO	EK0065B	5P PLUG, HOUSING
KO1S	EK0040	TERMINAL SOCKET
KO2S	EK0040	TERMINAL SOCKET
KO3S	EK0040	TERMINAL SOCKET
KO4S	EK0040	TERMINAL SOCKET
KO5S	EK0040	TERMINAL SOCKET
KP	EK0066B	6P PLUG, HOUSING
KP1S	EK0040	TERMINAL SOCKET
KP2S	EK0040	TERMINAL SOCKET
KP3S	EK0040	TERMINAL SOCKET
KP4S	EK0040	TERMINAL SOCKET
KP5S	EK0040	TERMINAL SOCKET
KP6S	EK0040	TERMINAL SOCKET
KQ	EK0063B	3P PLUG, HOUSING
KQ1S	EK0040	TERMINAL SOCKET
KQ2S	EK0040	TERMINAL SOCKET
KQ3S	EK0040	TERMINAL SOCKET
KS	EK0062B	2P PLUG, HOUSING
KS1S	EK0040	TERMINAL SOCKET
KS2S	EK0040	TERMINAL SOCKET
KU	EK0066B	6P PLUG, HOUSING
KU1S	EK0040	TERMINAL SOCKET
KU2S	EK0040	TERMINAL SOCKET
KU3S	EK0040	TERMINAL SOCKET
KU4S	EK0040	TERMINAL SOCKET
KU5S	EK0040	TERMINAL SOCKET
KV4-7	EK0064B	4P PLUG, HOUSING
KV4S	EK0040	TERMINAL SOCKET
KV5S	EK0040	TERMINAL SOCKET
KV6S	EK0040	TERMINAL SOCKET
KV7S	EK0040	TERMINAL SOCKET
KW	EZ0014	5PIN HOLDER
KX	EZ0013	3PIN HOLDER
K1P	EK0062B	2P PLUG, HOUSING
K1P1S	EK0040	TERMINAL SOCKET
K1P2S	EK0040	TERMINAL SOCKET
K10A	EK0065B	5P PLUG, HOUSING
K10A1S	EK0040	TERMINAL SOCKET
K10A2S	EK0040	TERMINAL SOCKET
K10A3S	EK0040	TERMINAL SOCKET
K10A4S	EK0040	TERMINAL SOCKET
K10A5S	EK0040	TERMINAL SOCKET
K10B	EK0066B	6P PLUG, HOUSING
K10B1S	EK0040	TERMINAL SOCKET
K10B2S	EK0040	TERMINAL SOCKET
K10B3S	EK0040	TERMINAL SOCKET
K10B4S	EK0040	TERMINAL SOCKET
K10B5S	EK0040	TERMINAL SOCKET
K10B6S	EK0040	TERMINAL SOCKET
K10C	EK0063B	3P PLUG, HOUSING
K10C1S	EK0040	TERMINAL SOCKET
K10C2S	EK0040	TERMINAL SOCKET
K10C3S	EK0040	TERMINAL SOCKET
K10D	EK0062B	2P PLUG, HOUSING
K10D1S	EK0040	TERMINAL SOCKET
K10D2S	EK0040	TERMINAL SOCKET
K10K	EK0062B	2P PLUG, HOUSING
K10K1S	EK0040	TERMINAL SOCKET
K10K2S	EK0040	TERMINAL SOCKET
K11A	EZ0016	HOLDER, 4PIN
K13A	EZ0068	HOLDER, 2 PIN

Ref. No.	Part No.	Description
K13B	EZ0068	HOLDER, 2 PIN
K13C	EZ0068	HOLDER, 2 PIN
K13K	EZ0068	HOLDER, 2 PIN
K13Q	EZ0013	3PIN HOLDER
K13R	EZ0014	5PIN HOLDER
K13S	EZ0068	HOLDER, 2 PIN
K13U	EZ0014	5PIN HOLDER
K2A	EK0062B	2P PLUG, HOUSING
K2A1S	EK0040	TERMINAL SOCKET
K2A2S	EK0040	TERMINAL SOCKET
K21A	EK0063B	3P PLUG, HOUSING
K21A1S	EK0040	TERMINAL SOCKET
K21A3S	EK0040	TERMINAL SOCKET
K21B	EK0063B	3P PLUG, HOUSING
K21B1S	EK0040	TERMINAL SOCKET
K21B2S	EK0040	TERMINAL SOCKET
K21B3S	EK0040	TERMINAL SOCKET
K21C	EK0062B	2P PLUG, HOUSING
K21C1S	EK0040	TERMINAL SOCKET
K21C2S	EK0040	TERMINAL SOCKET
K21D	EK0062B	2P PLUG, HOUSING
K21D1S	EK0040	TERMINAL SOCKET
K21D2S	EK0040	TERMINAL SOCKET
K21F	EK0066B	6P PLUG, HOUSING
K21F1S	EK0040	TERMINAL SOCKET
K21F2S	EK0040	TERMINAL SOCKET
K21F3S	EK0040	TERMINAL SOCKET
K21F4S	EK0040	TERMINAL SOCKET
K21F5S	EK0040	TERMINAL SOCKET
K21HA	EK0063B	3P PLUG, HOUSING
K21HA1S	EK0040	TERMINAL SOCKET
K21HA2S	EK0040	TERMINAL SOCKET
K21HA3S	EK0040	TERMINAL SOCKET
K21HB	EK0062B	2P PLUG, HOUSING
K21HB1S	EK0040	TERMINAL SOCKET
K21HB2S	EK0040	TERMINAL SOCKET
K21HC	EK0064B	4P PLUG, HOUSING
K21HC1S	EK0040	TERMINAL SOCKET
K21HC2S	EK0040	TERMINAL SOCKET
K21HC3S	EK0040	TERMINAL SOCKET
K21HC4S	EK0040	TERMINAL SOCKET
K21HD	EK0065B	5P PLUG, HOUSING
K21HD1S	EK0040	TERMINAL SOCKET
K21HD2S	EK0040	TERMINAL SOCKET
K21HD3S	EK0040	TERMINAL SOCKET
K21HD4S	EZ0014	5PIN HOLDER
K21HD5S	EZ0013	3PIN HOLDER
K21HF	EK0065B	5P PLUG, HOUSING
K21HF1S	EK0040	TERMINAL SOCKET
K21HF2S	EK0040	TERMINAL SOCKET
K21HF3S	EK0040	TERMINAL SOCKET
K21HF4S	EZ0014	5PIN HOLDER
K21HF5S	EZ0013	3PIN HOLDER
K21K	EK0062B	2P PLUG, HOUSING
K21K1S	EK0040	TERMINAL SOCKET
K21K2S	EK0040	TERMINAL SOCKET
K21O	EK0065B	5P PLUG, HOUSING
K21O1S	EK0040	TERMINAL SOCKET
K21O2S	EK0040	TERMINAL SOCKET
K21O3S	EK0040	TERMINAL SOCKET
K21O4S	EK0040	TERMINAL SOCKET
K21O5S	EK0040	TERMINAL SOCKET
K21R	EK0066B	6P PLUG, HOUSING
K21R1S	EK0040	TERMINAL SOCKET
K21R2S	EK0040	TERMINAL SOCKET
K21R3S	EK0040	TERMINAL SOCKET
K21R4S	EK0040	TERMINAL SOCKET
K21R5S	EK0040	TERMINAL SOCKET
K3H	EK0063B	3P PLUG, HOUSING
K3H1S	EK0040	TERMINAL SOCKET
K3H3S	EK0040	TERMINAL SOCKET
K3P	EK0062B	2P PLUG, HOUSING
K3P1S	EK0040	TERMINAL SOCKET
K3P2S	EK0040	TERMINAL SOCKET
K4H	EK0063B	3P PLUG, HOUSING

Ref. No.	Part No.	Description
K4H1S	EK0040	TERMINAL SOCKET
K4H2S	EK0040	TERMINAL SOCKET
K4H3S	EK0040	TERMINAL SOCKET
K6P	EZ0014	5PIN HOLDER
K6Q	EZ0013	3PIN HOLDER
K7A	EK0064B	4P PLUG, HOUSING
K7A1S	EK0040	TERMINAL SOCKET
K7A2S	EK0040	TERMINAL SOCKET
K7A3S	EK0040	TERMINAL SOCKET
K7B	EK0062B	2P PLUG, HOUSING
K7B1S	EK0040	TERMINAL SOCKET
K7B2S	EK0040	TERMINAL SOCKET
K7C	EK0062B	2P PLUG, HOUSING
K7C1S	EK0040	TERMINAL SOCKET
K7C2S	EK0040	TERMINAL SOCKET
K7D	EK0067B	7P PLUG, HOUSING
K7D1S	EK0040	TERMINAL SOCKET
K7D3S	EK0040	TERMINAL SOCKET
K7D4S	EK0040	TERMINAL SOCKET
K7D5S	EK0040	TERMINAL SOCKET
K7D6S	EK0040	TERMINAL SOCKET
K7D7S	EK0040	TERMINAL SOCKET
K7F	EK0068B	HOUSING, 6PIN
K7F1S	EK0040	TERMINAL SOCKET
K7F2S	EK0040	TERMINAL SOCKET
K7F3S	EK0040	TERMINAL SOCKET
K7F4S	EK0040	TERMINAL SOCKET
K7F5S	EK0040	TERMINAL SOCKET
K7F6S	EK0040	TERMINAL SOCKET
K7F7S	EK0040	TERMINAL SOCKET
K7G1	EK0068B	HOUSING, 6PIN
K7G1/1S	EK0040	TERMINAL SOCKET
K7G1/2S	EK0040	TERMINAL SOCKET
K7G1/3S	EK0040	TERMINAL SOCKET
K7G1/4S	EK0040	TERMINAL SOCKET
K7G1/5S	EK0040	TERMINAL SOCKET
K7G1/6S	EK0040	TERMINAL SOCKET
K7G1/7S	EK0040	TERMINAL SOCKET
K7G1/8S	EK0040	TERMINAL SOCKET
K7G2	EK0069B	9P PLUG, HOUSING
K7G2/1S	EK0040	TERMINAL SOCKET
K7G2/2S	EK0040	TERMINAL SOCKET
K7G2/3S	EK0040	TERMINAL SOCKET
K7G2/4S	EK0040	TERMINAL SOCKET
K7G2/5S	EK0040	TERMINAL SOCKET
K7G2/6S	EK0040	TERMINAL SOCKET
K7G2/7S	EK0040	TERMINAL SOCKET
K7G2/8S	EK0040	TERMINAL SOCKET
K7G2/9S	EK0040	TERMINAL SOCKET
K7I	EZ0016	HOLDER, 4PIN
K7J	EK0063B	3P PLUG, HOUSING
K7J1S	EK0040	TERMINAL SOCKET
K7J2S	EK0040	TERMINAL SOCKET
K7J3S	EK0040	TERMINAL SOCKET
K7K	EZ0068	HOLDER, 2 PIN
K7L	EK0062B	2P PLUG, HOUSING
K7L1S	EK0040	TERMINAL SOCKET
K7L2S	EK0040	TERMINAL SOCKET
K7M	EK0062B	2P PLUG, HOUSING
K7M1S	EK0040	TERMINAL SOCKET
K7M2S	EK0040	TERMINAL SOCKET
K7N	EK0063B	3P PLUG, HOUSING
K7N1S	EK0040	TERMINAL SOCKET
K7N2S	EK0040	TERMINAL SOCKET
K7N3S	EK0040	TERMINAL SOCKET
K7R	EK0063B	3P PLUG, HOUSING
K7R1S	EK0040	TERMINAL SOCKET
K7R2S	EK0040	TERMINAL SOCKET
K7R3S	EK0040	TERMINAL SOCKET
K7S	EK0062B	2P PLUG, HOUSING
K7S1S	EK0040	TERMINAL SOCKET
K7S2S	EK0040	TERMINAL SOCKET
K7V	EZ0016	HOLDER, 4PIN
K901	JA0117	ANT. TERMINAL
MO.1	E3325	CONNECTOR, TERMINAL SOCKET

Ref. No.	Part No.	Description
NO.3	3M04417	AERIAL MOUNTING PLATE
NO.1	E3348A	ANT. CONNECTOR
NO.2	JPU022GXC	COAXIAL CABLE WITH 1P PLUG
	OR J7190B	CABLE WITH PLUG
	OR E3326	SOCKET, 1P MINI CONNECTOR
SP901	VS0077	SPEAKER,10*10 CM,8 OHM,5W
⚠ SW901	ES0163	SWITCH, PUSH
W901	EW0028A	AC CORD
W902	JG0034	CRT GROUND LEAD

UG0187 (RC UNIT JXDA)

TRANSISTORS

Q1901	QT0264Y	2SC3204
	OR QT0235H	2SD1012(H)
	OR QT0264O	2SC3204
	OR QT0235G	2SD1012(G)
	OR QT0235F	2SD1012(F)

INTEGRATED CIRCUITS

IC1901	QC1081	SAA3008P
IC1902	QC0014	UPC1943G

CAPACITORS

C1901	CEAIM101	ELECTROLYTIC,100MF,6.3V
C1902	CCHFK221	CERAMIC,220PF,+-10%,50V
C1903	CCHFK221	CERAMIC,220PF,+-10%,50V
C1904	CCHFK101	CERAMIC,100PF,+-10%,50V
C1905	CCHFK101	CERAMIC,100PF,+-10%,50V

RESISTORS

R1901	401 024 8001	CARBON	1M JA 1/6W
R1902	401 024 6007	CARBON	1.5 JA 1/6W
R1903	401 024 9008	CARBON	120 JA 1/6W

DIODES

D1901	E1324R	1S2076
	OR E1229R	1S2473
	OR E1775R	DS442
	OR E1121R	1S1555
D1902	E1775R	DS442
	OR E1229R	1S2473
	OR E1121R	1S1555
	OR E1324R	1S2076
D1903	E1324R	1S2076
	OR E1775R	DS442
	OR E1121R	1S1555
	OR E1229R	1S2473

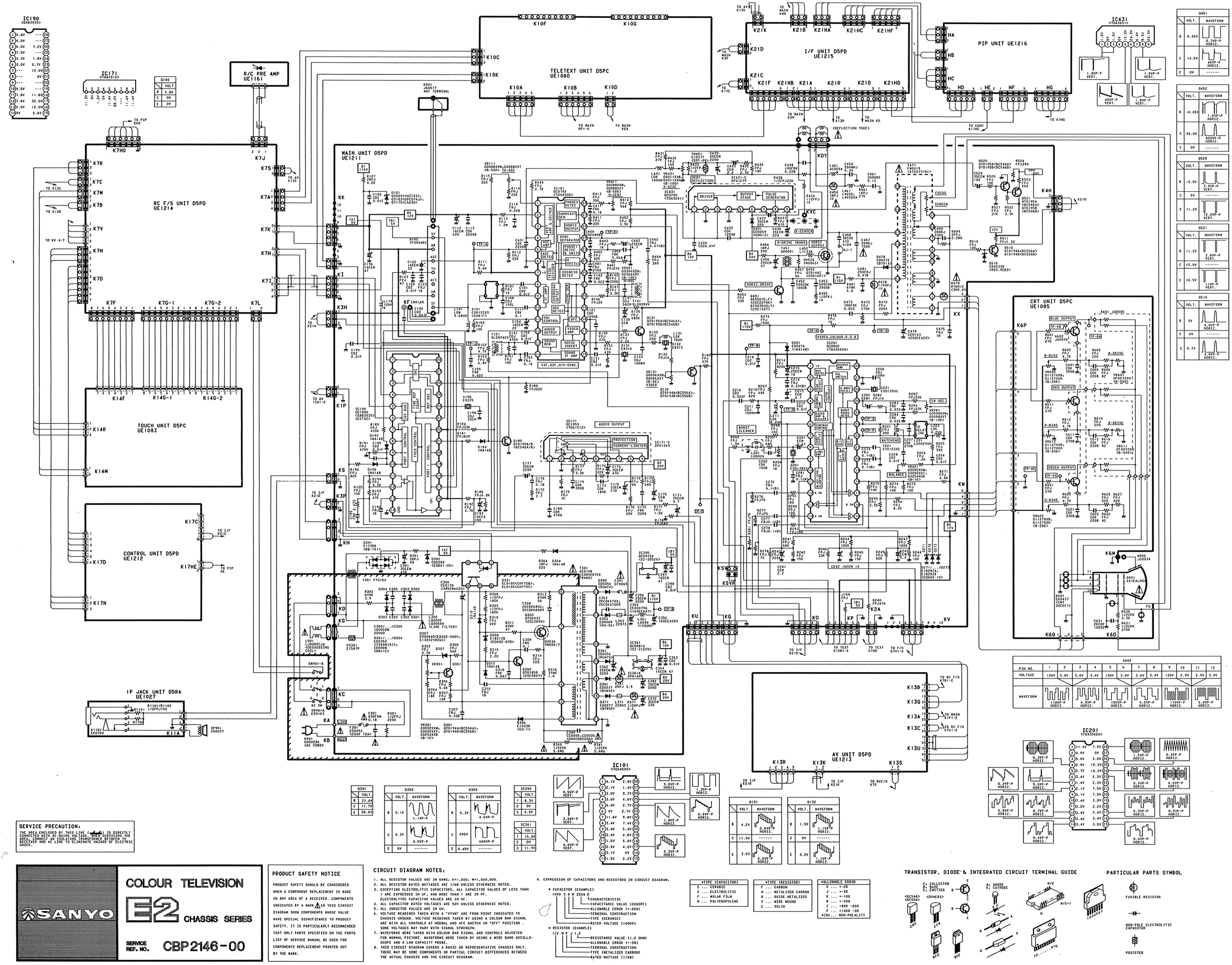
MISCELLANEOUS

E1901	1P01395	BATTERY HOLDER
LD1901	EL0116	SLR-938C,LED
P1901	1P01395	BATTERY HOLDER
SW1901	ES0273	SLIDE SWITCH
X1901	E8338B	CRYSTAL, 455KHZ OSC.
X1902	E8338B	CRYSTAL, 455KHZ OSC.

39 *0128 30143
SCART LOAD

Ref. No.	Part No.	Description

RC651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PIP UNIT UE1216
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TOUCH UNIT D5PC UE1083
CONTROL UNIT D5PD UE1212
IP JACK UNIT D5RA UE1027
MAIN UNIT D5PD UE1211
CRT UNIT D5PC UE1085
AV UNIT D5PD UE1213
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SERVICE PRECAUTION:
PRODUCT SAFETY NOTICE
CIRCUIT DIAGRAM NOTES:
TRANSISTOR, DIODE & INTEGRATED CIRCUIT TERMINAL GUIDE
PARTICULAR PARTS SYMBOL
SANYO
COLOUR TELEVISION
E2 CHASSIS SERIES
SERVICE REF. NO. CBP2146-00
D5PD

P1P UNIT UE1216

I/F UNIT DSPD
UE1215

REMOTE CONTROL TRANSMITTER

D1901/D1902/D1903
(S1555,(S2473,162076,DS442

RC F/S UNIT D5PD UE1214

CONTROL UNIT D5PC
UE1082

TOUCH UNIT D5PC
UE1083

R/C PRE AMP
UE1161

TELETEXT UNIT-D5PC
UE1080

AV UNIT-D5PD
UE1213

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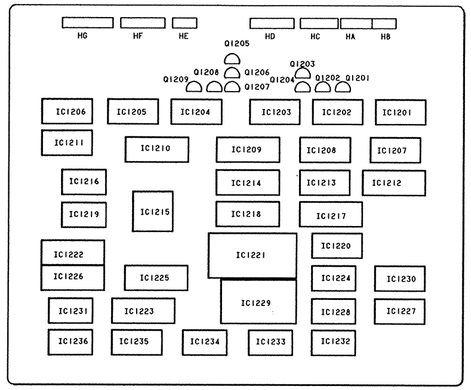
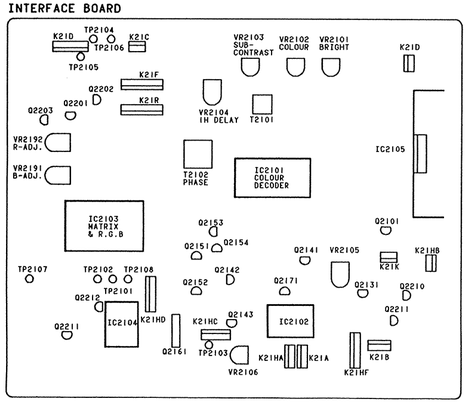
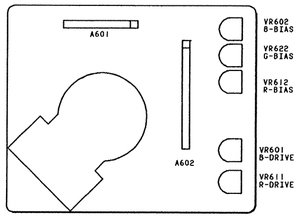
PIP MEMORY BOARD



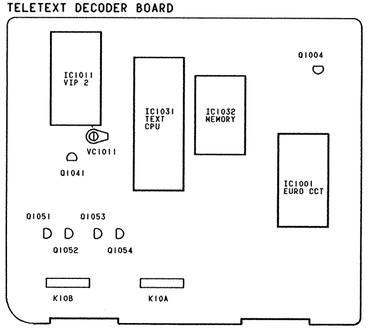
INTERFACE BOARD



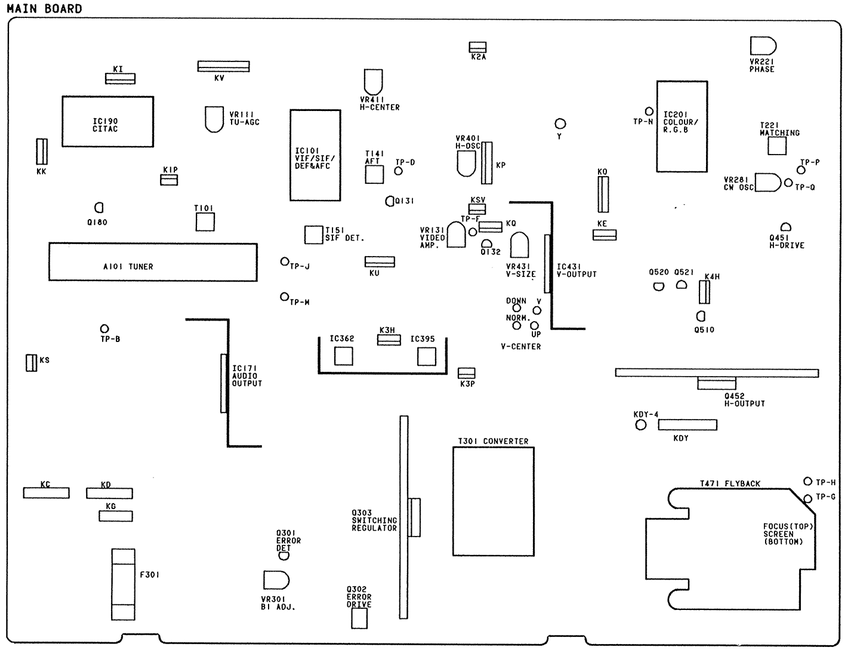
CRT BOARD

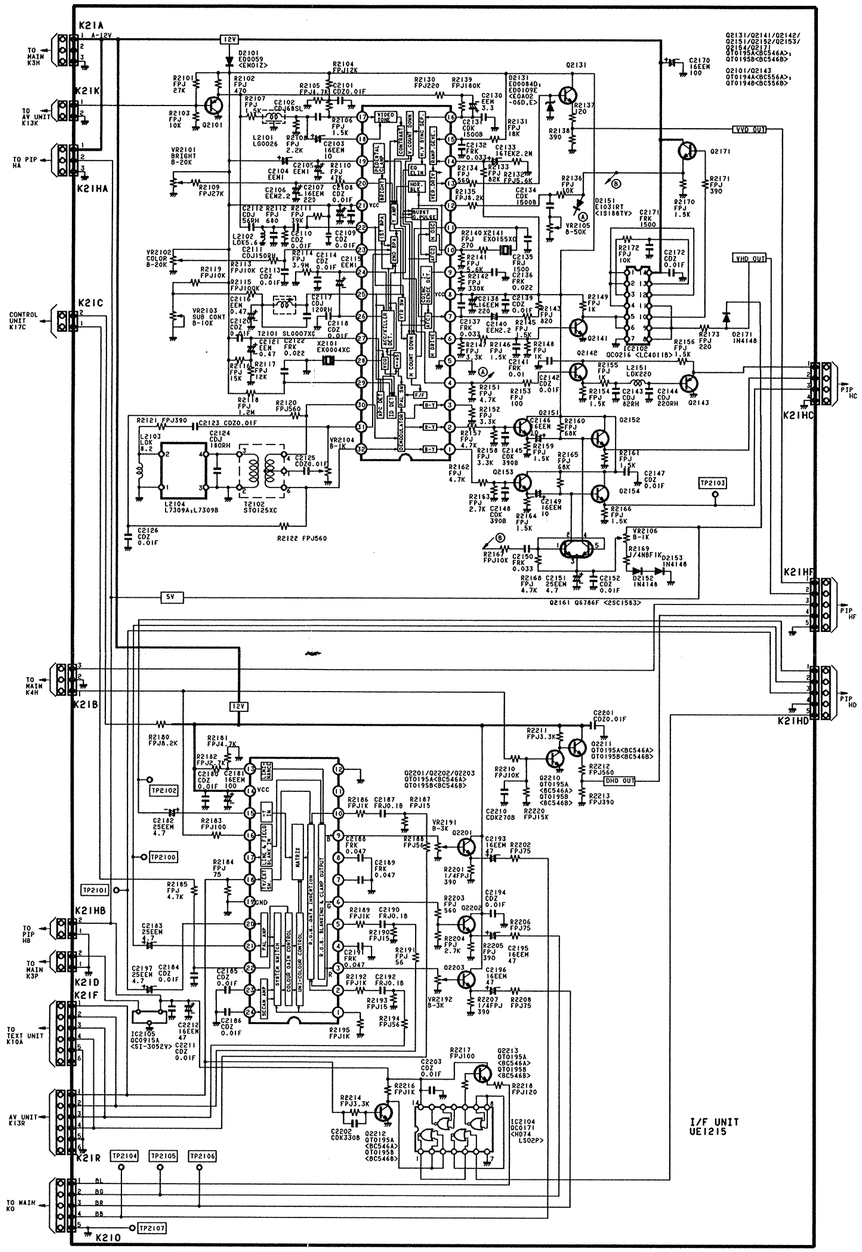


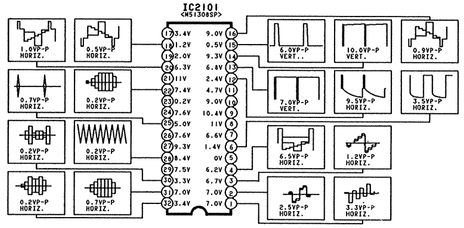
TELETEXT DECODER BOARD

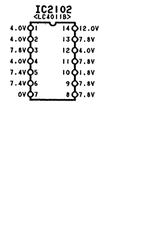


MAIN BOARD









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B	3.5V	0.8VP-P HORIZ.
C	0V	------
E	4.2V	0.8VP-P HORIZ.

Q2131	VOLT.	WAVEFORM
B	-6.1V	6.0VP-P VERT.
C	11.2V	------
E	5.5V	5.5VP-P VERT.

Q2141	VOLT.	WAVEFORM
B	0.3V	0.4VP-P HORIZ.
C	7.4V	11VP-P HORIZ.
E	0V	------

Q2171	VOLT.	WAVEFORM
B	1.4V	12VP-P HORIZ.
C	12.0V	------
E	2.0V	11VP-P HORIZ.

Q2142	VOLT.	WAVEFORM
B	11.2V	------
C	5.9V	------
E	5.2V	6.0VP-P HORIZ.

Q2143	VOLT.	WAVEFORM
B	5.2V	------
C	0V	------
E	4.8V	0.8VP-P HORIZ.

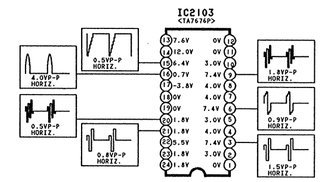
Q2151	VOLT.	WAVEFORM
B	2.8V	------
C	11.2V	------
E	2.2V	0.8VP-P HORIZ.

Q2152	VOLT.	WAVEFORM
B	4.4V	------
C	11.2V	------
E	3.7V	0.8VP-P HORIZ.

Q2153	VOLT.	WAVEFORM
B	2.5V	------
C	11.2V	------
E	1.9V	0.9VP-P HORIZ.

Q2154	VOLT.	WAVEFORM
B	4.4V	------
C	11.2V	------
E	3.7V	0.9VP-P HORIZ.

Q2161	VOLT.	WAVEFORM
I S	3.9V	1.4VP-P HORIZ.
2	4.4V	0.9VP-P HORIZ.
3	4.4V	------
4	4.4V	0.8VP-P HORIZ.



Q2210	VOLT.	WAVEFORM
B	0.1V	6.5VP-P HORIZ.
C	9.5V	12VP-P HORIZ.
E	0V	------

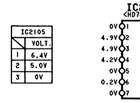
Q2211	VOLT.	WAVEFORM
B	9.5V	12VP-P HORIZ.
C	12.0V	------
E	9.0V	11VP-P HORIZ.

Q2201	VOLT.	WAVEFORM
B	6.0V	------
C	12.0V	------
E	5.2V	1.1VP-P HORIZ.

Q2202	VOLT.	WAVEFORM
B	6.1V	------
C	12.0V	------
E	5.6V	0.8VP-P HORIZ.

Q2203	VOLT.	WAVEFORM
B	6.0V	------
C	12.0V	------
E	5.4V	1.2VP-P HORIZ.

Q2213	VOLT.	WAVEFORM
B	0.3V	3.5VP-P HORIZ.
C	4.9V	------
E	0V	3.0VP-P HORIZ.

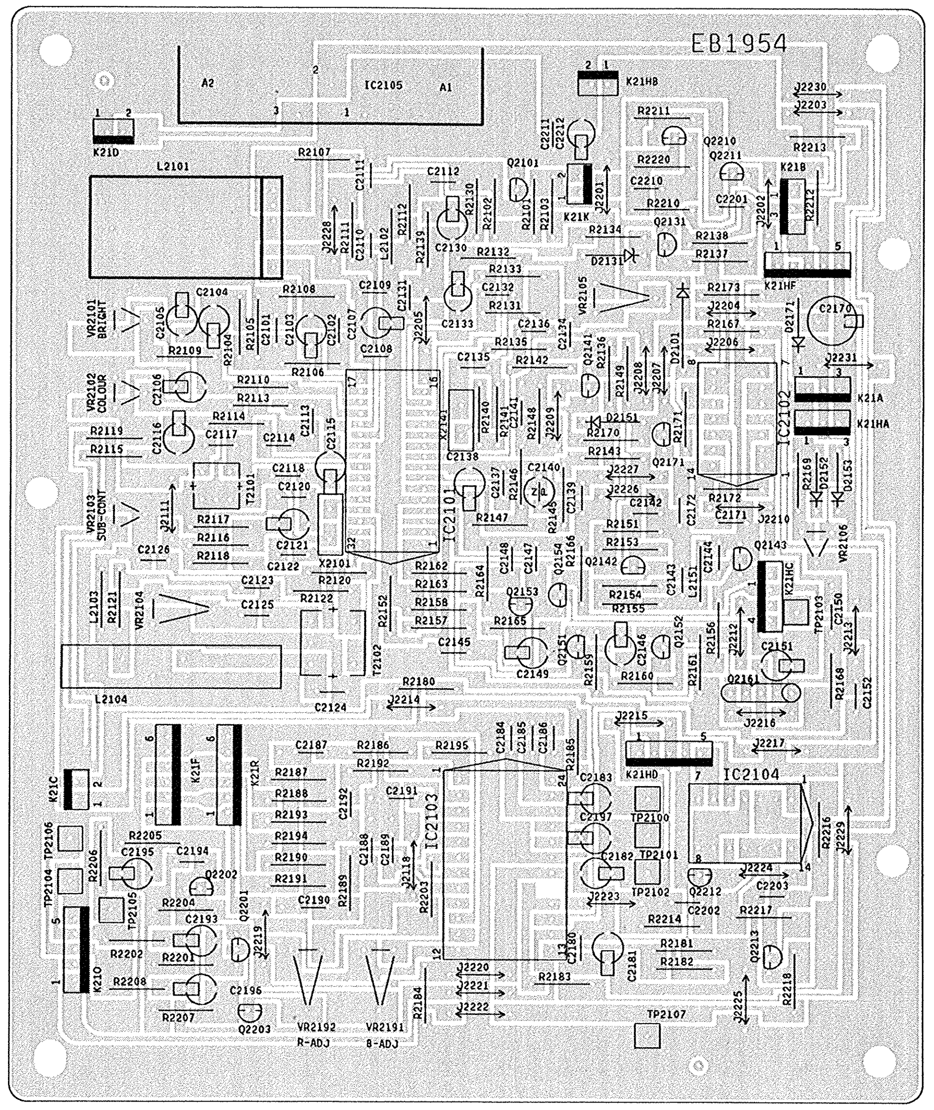


IC2105	VOLT.
1	6.4V
2	5.0V
3	0V

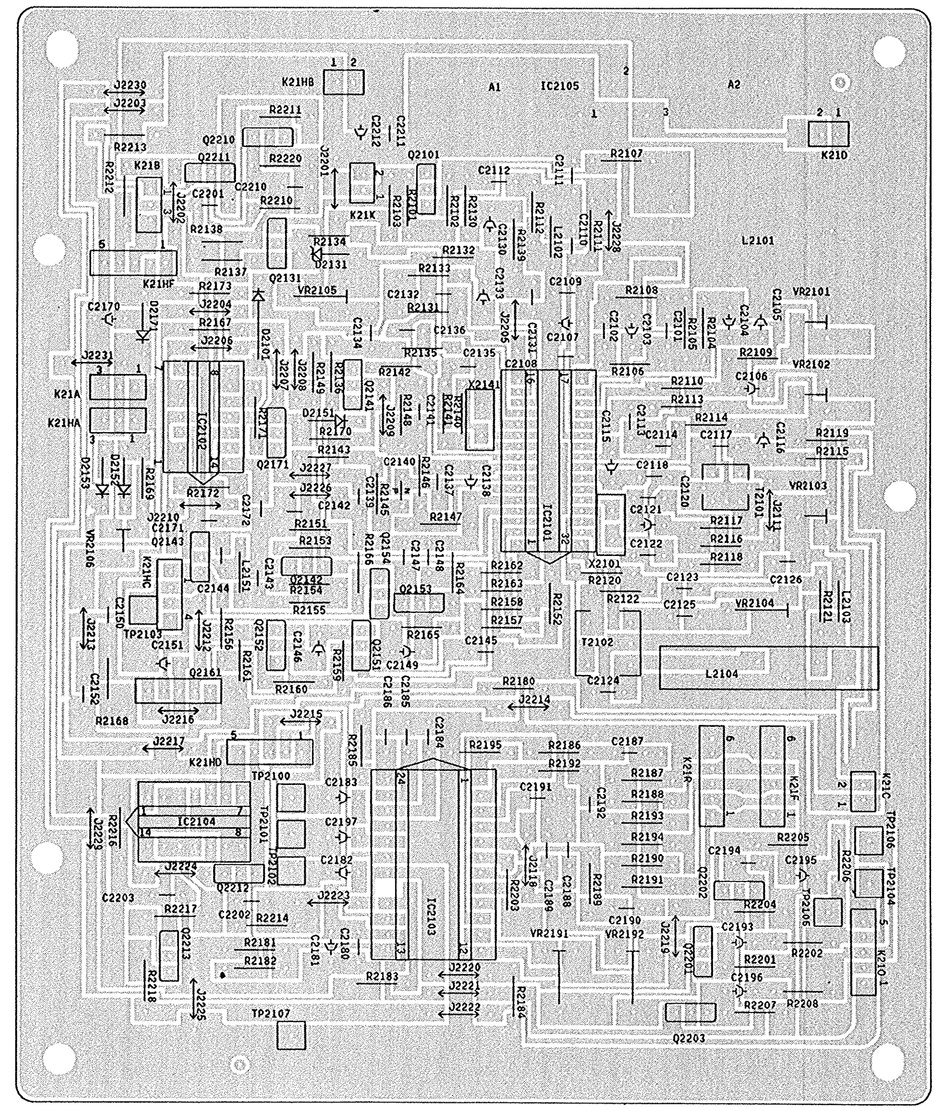
Q2212	VOLT.
B	0V
C	5.9V
E	0V

INTERFACE BOARD

COMPONENT SIDE



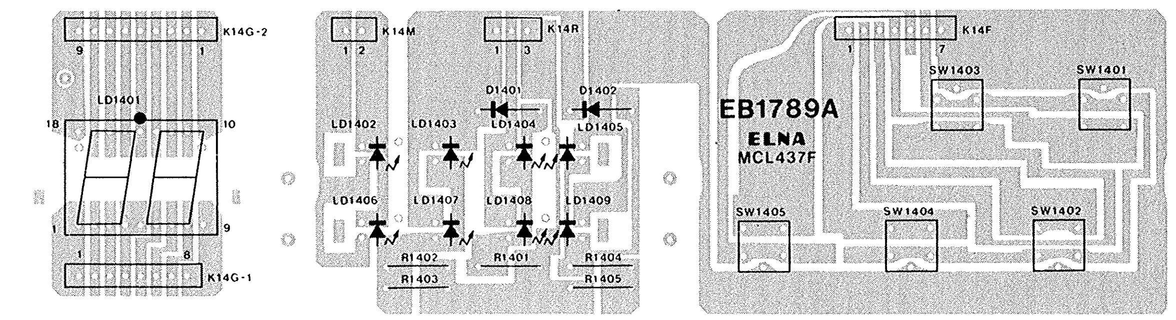
CIRCUIT SIDE



EB1954

TOUCH BOARD

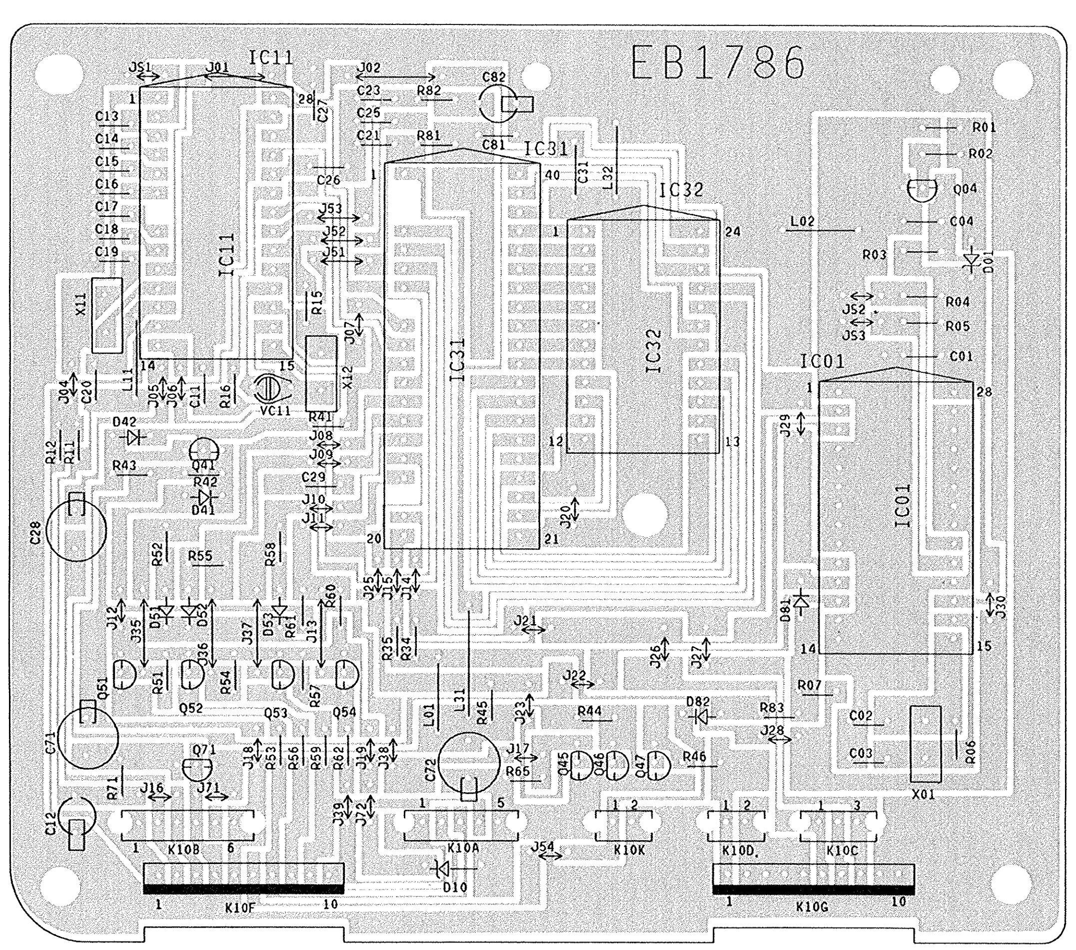
COMPONENT SIDE



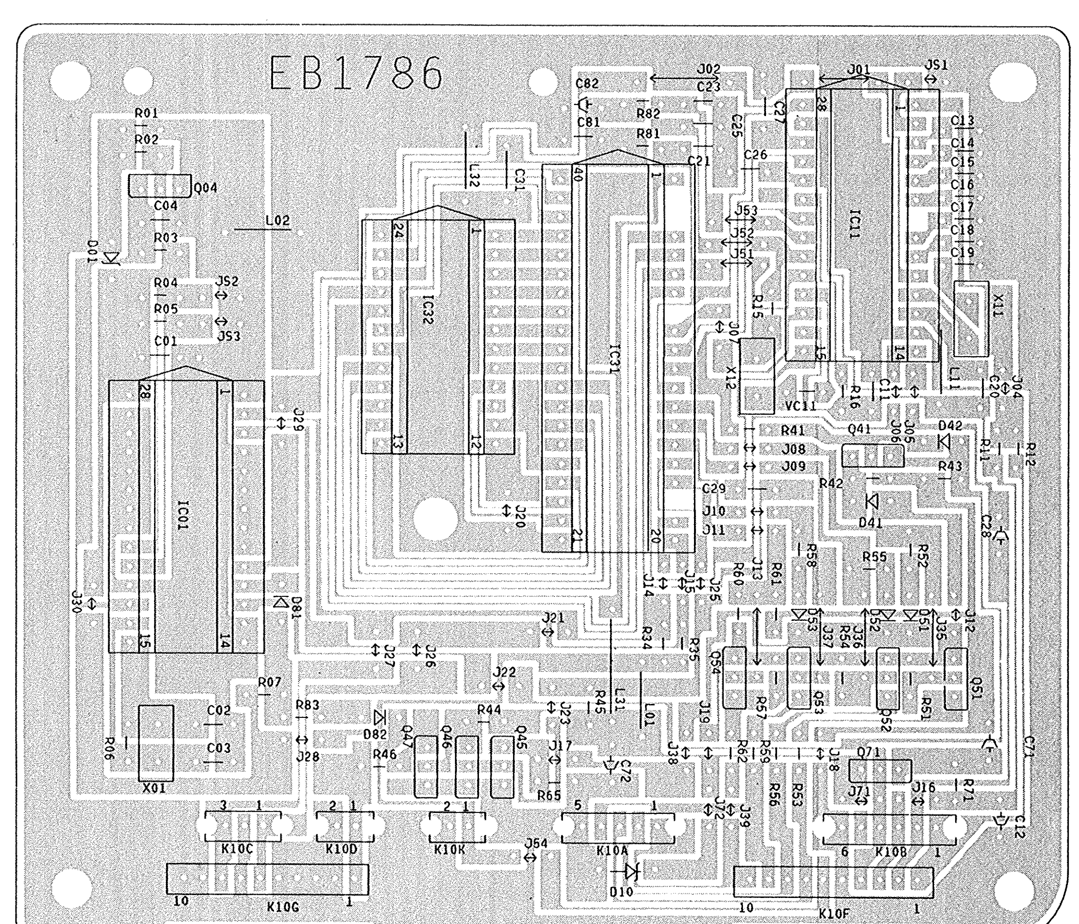
EB1789A

TELETEXT BOARD

COMPONENT SIDE



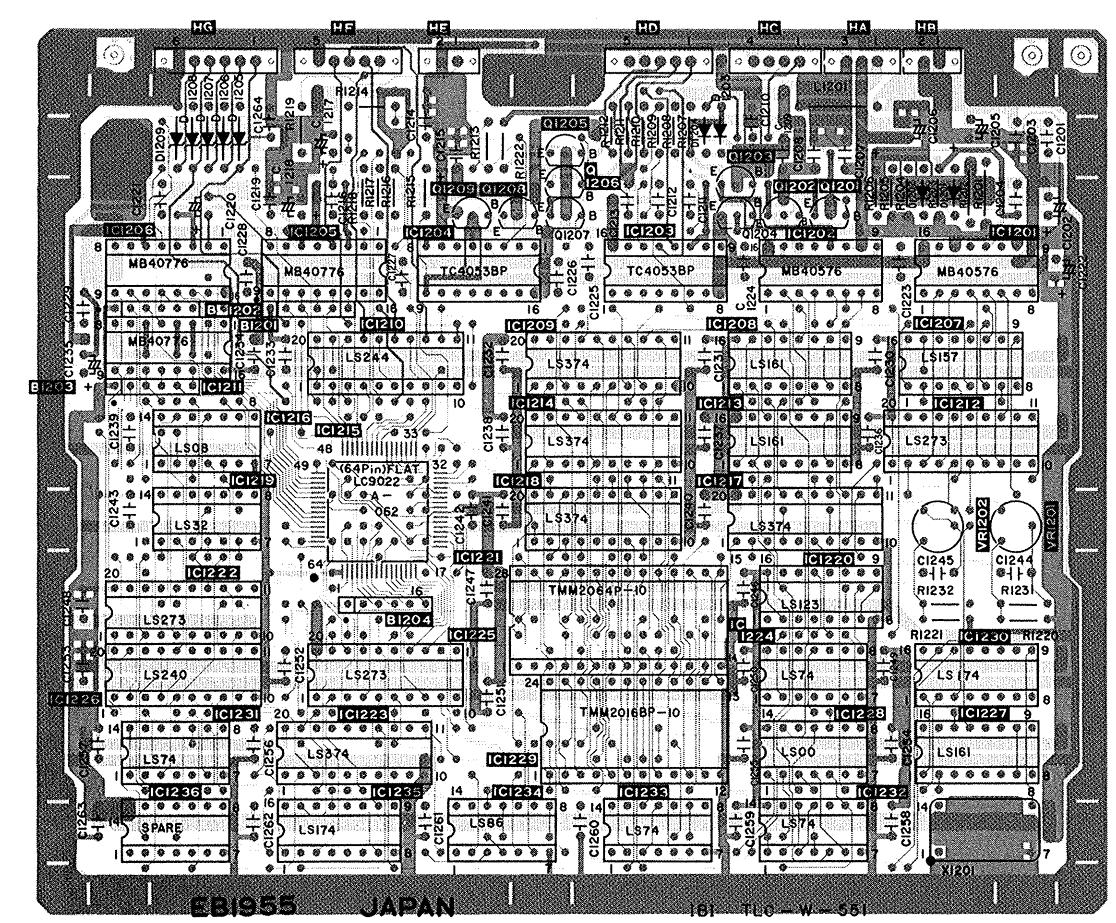
CIRCUIT SIDE



EB1786

PIP BOARD

COMPONENT SIDE

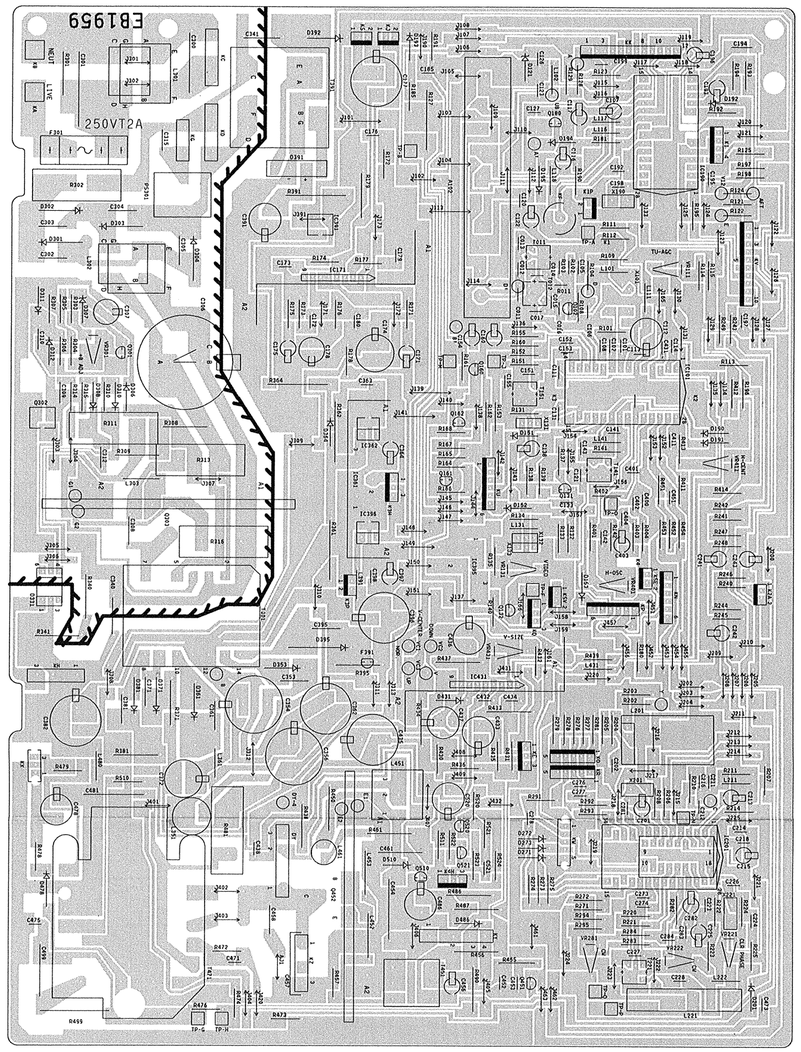


EB1955

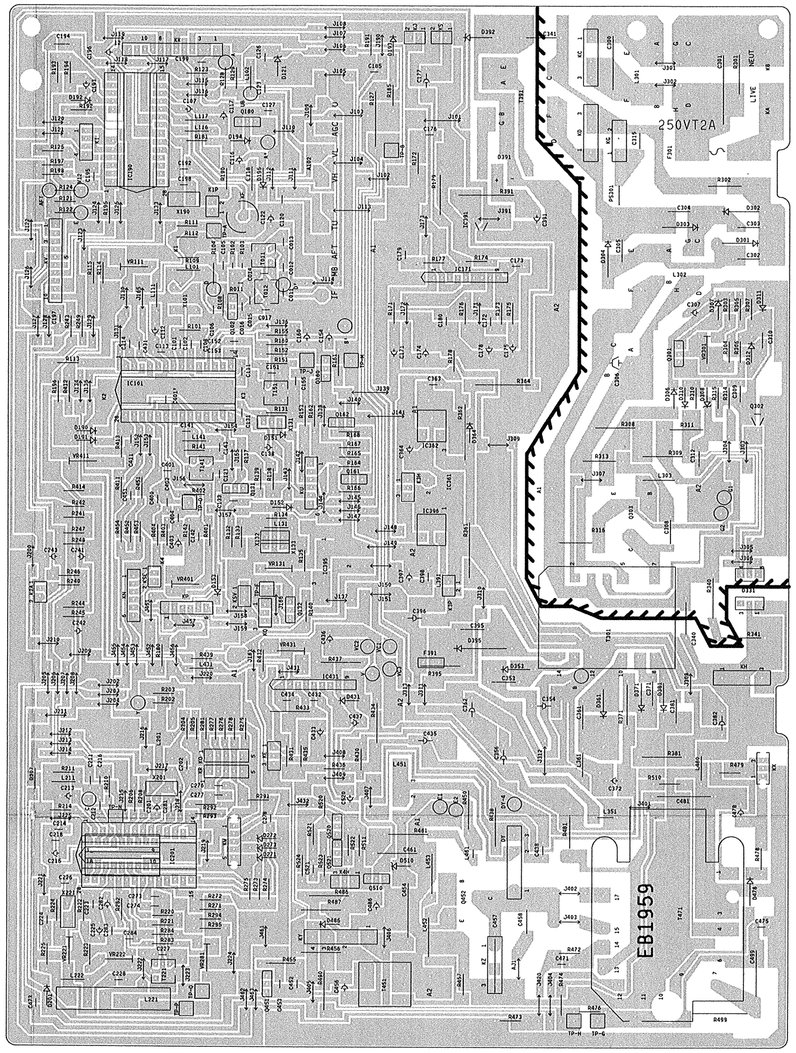
PRINTED CIRCUIT BOARD DIAGRAMS CBP2146

MAIN BOARD

COMPONENT SIDE



CIRCUIT SIDE



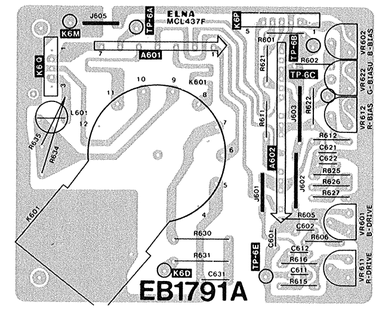
EB1959

COMPONENT LOCATION DIAGRAM

Pin		IC O D	C			R			L T X	VR PS
KS		D392	341		194		191		L301	
KJ	KK	D193	300		126					
KC		D121	301		196	301		193		
KB				185	199			123	L102	
KA				177	123		185	128	T391	
		D192			133		127	129		
KD					107			192		
KG		Q180			127				L117	
		D194	315	176			181		L116	
	KI	IC190			116		126			
	TP-B	D391			192		172	198		
		D195			195			190	L118	
					196			124		
	K1P					302	179	121	X190	PS301
	KF						391	122		
		D302	304	120				195		
		D303	391	122				111		
	TP-A	IC391	303					112		
		D301	305	013					T011	
	KV		302						L302	
		D304		179	104		174	109		
				173	105		177	102	L101	VR111
		IC171		012	014			103	X101	
		D311		011		303		104	T012	
		Q102			015	305	171	114	L111	
		D307	307		106	307	176	011		
				172	017		173	115		
			310	180	016		175	108		
		D312		154	197	304	155	243		
		D301	306	160	112	306	160	249		VR301
	TP-J	Q160		171	152		152	101		
	TP-M	D306		151	153		151			
		D310		174	111		178	113		
		D308	309	178	101		364			
		IC101		175	102	310	131		T151	
		D302		363	108	314				
		D190		155	114	315				
		D191			113	308	153			
		Q142			431	311	162		X131	
		D151		364	141		362			
		D364	312		343		141		L141	VR411
		IC362			138	309	168	137	T141	
					411	313	167	138	L303	
		Q161			401		165	139		
	KU	IC361			121		164	411		
		D131					166	414		
K3H		D152			451			451		
	TP-O	Q303			400			402		
					402		134	242		
		IC396	308		403			241	L131	
					404			454		
					403	316	361	452	X132	
					401		135	247	X133	
	TP-F							248		VR131
	KSE	IC395		397	241			453		
K3P	KN	D153		398	243	340		404	L391	VR401
	K2A	D331	340	396				403		
	KP			395				342	T301	
	KSV							132		
	VC1			436	242			133		
	VC2	D395						246		
	KQ							240		
	VC3						437	244		
KH		D353					395	245		VR431
		D371	371					432	L431	
		IC431	354	432		371		438		
		D381	381	434				180		
		D361	361	362			433	203		
		D431	382	437			434	202	L201	
				433				204		
				435				205		
	KO			356			431	281		
	KE				202	381	430	277		
	KR				211	479	435	276	L361	
KX					216	510	436	278	L480	
			372		213			279	L451	
			481		520	450			X201	
			478		276	520		211	L211	
					277	461		207		
					281	481	621	210	L351	
DY					201	511	438	291		
		Q520			212	522	461	292		
	KW	D272			214	523	511	293		
		D273	438		218	524	522	206	L461	
	K4H	D271					523	208		
		Q521			215		524	214	L453	
		Q510		521						
		Q510			226		275			
		D478			273		273			
		IC201		454	274		274			
		Q452			282		486		X221	
					224		487		T471	
		D486	475	458	283				L452	
KZ	KY				225					VR221
					284					VR281
			479			472	456			VR222
			471		227		455			
							457		T450	
	TP-O	Q451			226		490			
									T221	
	TP-P	D201				476			L222	
				456		473	499	473	L221	
				452						
TP-G				453						
TP-H										

CRT BOARD

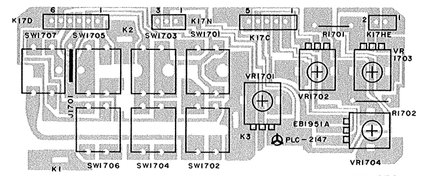
COMPONENT SIDE



EB1791A Ⓐ

CONTROL BOARD

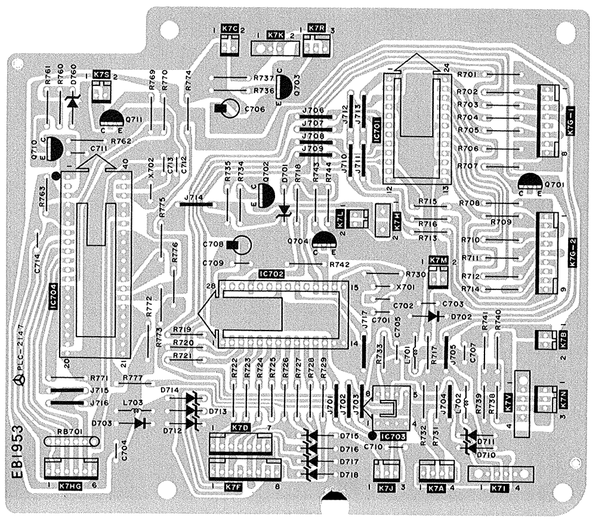
COMPONENT SIDE



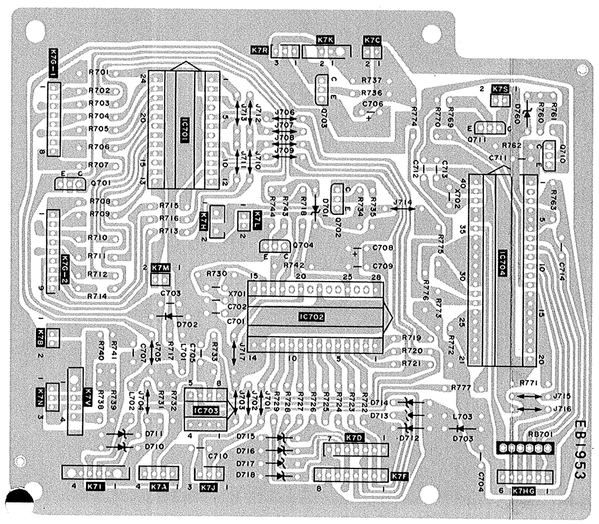
EB1951

RC F/S BOARD

COMPONENT SIDE



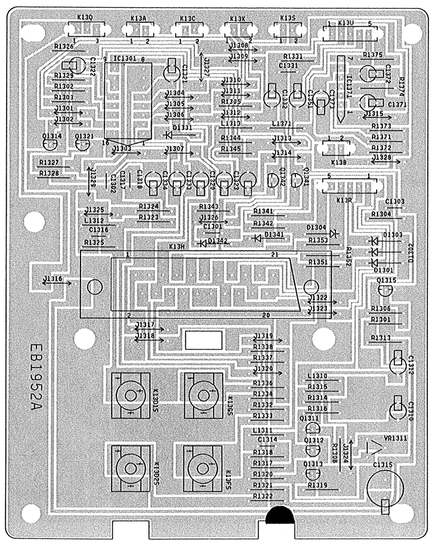
CIRCUIT SIDE



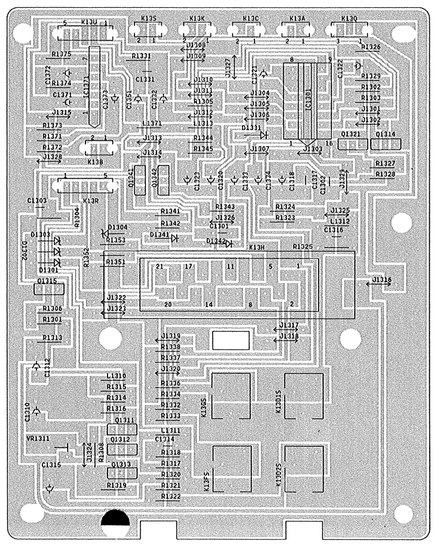
EB1953

AV I/O BOARD

COMPONENT SIDE



CIRCUIT SIDE



EB1952